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Textile Organon

Textile Fiber End Use Survey

Highlights

1981 U.S End Use Summary . . . featured page 214.

Summary of Man-Made Fiber & Semimanufactured Imports 1975-1981 . . . featured page 223.

Third Quarter 1982 Domestic Shipments of Acrylic+ Modacrylic Staple+Tow Fall 11% . . . see page 229.

Exports of Polyester Staple+Tow in Third Quarter 1982 Drop to 26 million pounds, 84% Below Exports in Third Quarter 1981 . . . see page 229.

Presented in this issue of the *Textile Organon* is the latest in a series of surveys of U.S. textile fiber consumption by end use. Annual data are shown for the years 1975 through 1981.

The data of this survey for 1975 and forward supersede those of similar earlier surveys. As more reliable data become available, they are incorporated into the survey to provide the most current industry data obtainable.

Compared with last year's survey, significant revisions have been made in the following Apparel end uses: Sweaters and Related Accessories (Item 8 29) and Craft & Handwork Yarns (Item 57).

There are no significant revisions in the Home Furnishings section, though there are revisions for the following Industrial & Other Consumer-Type end uses: Narrow Fabrics (Item 56c), Sewing Thread (Item 72) and Rope, Cordage, Fishline, Etc. (Item 73).

In some cases, these revisions involved changes in the series of data from 1975 through 1981. Revisions such as these are indicated by a black circle (•). In addition, significant single year revisions are denoted by a small "r".

When the changes described above are kept in mind, the data in this survey may be used in conjunction with earlier issues of the *Textile Organon* as follows:

YEARS	*Textile Organon* ISSUES
1949-1955	November 1961
1956-1959	January 1966
1960-1963	January 1970
1964-1965	November 1971
1966-1967	November 1973
1968-1969	November 1975
1970	November 1976
1971-1972	November & December 1978
1973	November 1980
1974	November 1981

In this manner, a continuous statistical series covering the 33-year span from 1949 through 1981 may be obtained.

END USE SUMMARY CHANGES

END USE	TOTAL FIBER MILLION POUNDS 75-78	1979	1980	1981	TOTAL FIBER % OF TOTAL END USE[a] 75-78	1979	1980	1981	MAN-MADE FIBER MILLION POUNDS 75-78	1979	1980	1981	MAN-MADE FIBER % OF TOTAL END USE[a] 75-78	1979	1980	1981
APPAREL	4919	4825	4823	4603	41.0	37.0	39.5	38.5	3106	2997	2971	2852	36.6	31.4	33.6	32.3
HOME FURNISHINGS	3649	4092	3657	3540	30.4	31.4	29.9	29.6	2717	3217	2828	2737	32.0	33.7	32.0	31.0
INDUSTRIAL & OTHER CONSUMER-TYPE PRODUCTS	2987	3486	3120	3317	24.9	26.8	25.5	27.8	2464	3016	2686	2914	29.0	31.6	30.4	33.1
EXPORTS	446	620	617	490	3.7	4.8	5.1	4.1	204	313	352	319	2.4	3.3	4.0	3.6
TOTAL END USE	**12001**	**13023**	**12217**	**11950**	***100***	***100***	***100***	***100***	**8491**	**9543**	**8837**	**8822**	***100***	***100***	***100***	***100***

75-78 means the annual average for the years 1975-1978. The 1978, 1979 & 1980 data are for single years only. All data are drawn from the End Use Summary table on page 214.

a. The percentages in these columns show the usage of each type of fiber by its major end use categories. They add to 100% vertically in each case.

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Textile Organon

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ANNOUNCEMENTS

The Textile Economics Bureau is offering a special discount on a limited number of previously bound volumes of the ***Textile Organon***.

Instead of the normal $50 per volume charge, 1981 volumes are available for $35, 1980 for $30, 1979-1970 for $15 and 1969 & earlier for $10. 1982 volumes will be available early next year for $50. To order a bound volume of the 1982 ***Organon***, your request along with a check for $50 must be in our possession **no later** than December 31, 1982.

In addition, please note that there will be an increase in the price for single issues of the ***Textile Organon***.

Effective January 1, 1983, single copies of the June and November issues will cost $20 ($30 for overseas customers) and all other single copies will cost $15 ($20 overseas).

SURVEY FIBER COVERAGE

The objective of this survey is to measure the amount of raw fiber required to produce a particular end use item. The quantities of fiber are grouped under general listings, but specific characteristics of each listing should be noted.

The man-made fiber data are presented in two general categories, Cellulosic, which includes rayon and acetate, and Noncellulosic, which includes nylon, polyester, acrylic, olefin, saran, spandex and textile glass. Except for carpets, no separation of the data by generic type within the end uses is provided. See footnote (b) under General Notes on page 224 for additional descriptions. The cotton end use data cover raw cotton. Cotton waste and cotton linters poundages are excluded, except when pertaining to waste. See the section describing waste fiber coverage for further explanation.

Wool data cover both virgin and reprocessed & reused wool.

Many other fibers, such as silk, linen, jute and sisal, are used in various products covered by the survey, but no poundage data for these fibers are included in the end use tables on pages 216-222. For the purposes of comparison, however, the total imports of these fibers are presented in the lowest table on page 215. Additional reference to these fibers is made in the General Notes on page 224.

SURVEY WASTE FIBER COVERAGE

In the survey, textile fiber waste is handled in three different ways: First, end uses which employ waste fiber, either wholly or in part without preliminary processing, are not included (e.g., furniture stuffing, mattress felts, punched or needled felts for carpet & rug underlays, pressed wool felts and some nonwoven fabrics).

Second, for certain end uses which utilize both new fiber and the fiber derived from processed waste, the poundages shown have been calculated so as to exclude the waste component inasmuch as possible, as, for example, is the case with the cotton waste in Towels & Toweling (Item 48) and Twine (Item 73).

And third, waste which has been processed into usable spinnable fiber is included in the poundages shown for Blankets (Item 46), Carpets & Rugs (Item 50) and a number of other applications. It is important to note that in products such as these, fiber derived from waste by preliminary processing, especially for the man-made fiber poundages, is a significant and measured part of the total end use.

OUTLINE AND COVERAGE OF THE SURVEY

The tabulations presented on pages 216-222 show the poundages of the itemized textile fibers consumed in the production of end use products in the United States.

The substantial imports of finished products, such as apparel, blankets, tablecloths and rugs, are not included in this survey as they are not manufactured in domestic mills.

The method used for estimating the end uses of man-made fibers differs from that used for the natural fibers. For man-made fibers, the data are based on producers' domestic shipments plus imports of fiber, yarn and semimanufactured products. While in the case of cotton, the data of the National Cotton Council were used extensively, and for wool, government data plus estimates from other trade sources were employed.

END USE VERSUS AVAILABLE SUPPLY

Available supply, which is mill consumption plus semimanufactured imports, is compared with end use consumption in the center table on page 215. While more specific reasons which affect the correlation between these series are described in subsequent sections, some general remarks are presented below.

Cotton. End Use consumption is lower than Available supply for most years; the same situation pertains to the National Cotton Council's survey data. Two reasons for this are stated by the Council: a) many small end uses are not included in the survey and b) estimates of materials consumed are based on "typical" cotton yarns and fabrics, not on the actual weights of every type of yarn and fabric consumed in the various end uses.

Timing and inventory changes also play a significant role. For example, some raw cotton correctly reported as "consumed" by the Census Bureau in the calendar year 1980 was not actually incorporated into end products until 1981 because of time lags and inventory fluctuations involved in moving from raw fiber in the bale to a finished garment or other textile product. Similarly, an indeterminate amount of cotton consumed in 1981 was not embodied in finished products until 1982.

As noted, the cotton series presented in this survey are mainly those of the National Cotton Council as published in its annual survey "Cotton Counts Its Customers" (1982 and earlier editions).

Wool. Blends of wool with other fibers are common in many end uses, but little information is available on the fiber composition of these blends. Thus, relatively reliable measures are available mainly on the wool

U.S. END USE SUMMARY

MILLION POUNDS & *Percent*

END USE & YEAR	GRAND TOTAL			COTTON			WOOL			MAN-MADE FIBERS			MAN-MADE FIBER DETAIL						
													CELLULOSIC				NONCELL. & TEXTILE GLASS			
													TOTAL			YARN	STAPLE	TOTAL			YARN	STAPLE
	LBS	%[a]	%[b]	LBS	%[a]	%[b]	LBS	%[a]	%[b]	LBS	%[a]	%[b]	LBS	%[a]	%[b]	LBS	LBS	LBS	%[a]	%[b]	LBS	LBS
APPAREL																						
1975	4656	100	43.0	1563	33.6	48.9	105	2.2	67.3	2988	64.2	40.0	333	7.2	40.4	257	76	2655	57.0	39.9	1492	1163
1976	4831	100	41.0	1736	35.9	49.7	127	2.6	72.6	2968	61.5	36.5	288	6.0	33.0	216	72	2680	55.5	36.9	1309	1371
1977	5135	100	40.9	1735	33.8	51.2	132	2.6	75.0	3268	63.6	36.4	304	5.9	34.4	219	85	2964	57.7	36.6	1456	1508
1978	5053	100	39.2	1683	33.5	52.0	139	2.8	73.9	3201	63.7	34.2	307	6.1	34.5	228	79	2894	57.6	34.1	1444	1450
1979	4825	100	37.0	1696	35.2	51.3	132	2.7	76.3	2997	62.1	31.4	341	7.1	40.7	245	96	2656	55.0	30.5	1359	1297
1980	4823	100	39.5	1727	35.8	53.8	125	2.6	74.4	2971	61.6	33.6	303	6.3	40.2	225	78	2668	55.3	33.0	1246	1422
1981	4603	100	38.5	1603	34.8	54.6	148	3.2	76.3	2852	62.0	32.3	327	7.1	44.2	201	126	2525	54.9	31.2	1250	1275
HOME FURNISHINGS																						
1975	3232	100	29.9	906	28.0	28.4	32	1.0	20.5	2294	71.0	30.7	176	5.5	21.4	47	129	2118	65.5	31.8	909	1209
1976	3526	100	29.9	920	26.1	26.3	33	0.9	18.8	2573	73.0	31.7	216	6.1	24.8	45	171	2357	66.9	32.5	921	1436
1977	3842	100	30.6	905	23.6	26.7	32	0.8	18.2	2905	75.6	32.3	212	5.5	24.0	54	158	2693	70.1	33.2	1072	1621
1978	3996	100	31.2	863	21.6	26.6	36	0.9	19.2	3097	77.5	33.0	238	6.0	26.8	56	182	2859	71.5	33.7	1160	1699
1979	4092	100	31.4	848	20.7	25.6	27	0.7	15.6	3217	78.6	33.7	194	4.7	23.1	48	146	3023	73.9	34.7	1244	1779
1980	3657	100	29.9	803	22.0	25.0	26	0.7	15.5	2828	77.3	32.0	170	4.6	22.6	47	123	2658	72.7	32.9	1189	1469
1981	3540	100	29.6	774	21.9	26.4	29	0.8	14.9	2737	77.3	31.0	155	4.4	20.9	55	120	2582	72.9	32.0	1126	1456
INDUSTRIAL & OTHER CONSUMER-TYPE PRODUCTS																						
1975	2494	100	23.0	491	19.7	15.4	6	0.2	3.9	1997	80.1	26.7	264	10.6	32.1	62	202	1733	69.5	26.1	1341	392
1976	2963	100	25.1	569	19.2	16.3	8	0.3	4.6	2386	80.5	29.3	315	10.6	36.1	61	254	2071	69.9	28.5	1600	471
1977	3155	100	25.2	528	16.7	15.6	8	0.3	4.5	2619	83.0	29.2	316	10.0	35.8	62	254	2303	73.0	28.4	1753	550
1978	3334	100	26.1	472	14.1	14.6	9	0.3	4.8	2853	85.6	30.4	301	9.0	33.9	66	235	2552	76.6	30.1	1915	637
1979	3486	100	26.8	462	13.3	14.0	8	0.2	4.6	3016	86.5	31.6	271	7.8	32.3	50	221	2745	78.7	31.6	2020	725
1980	3120	100	25.5	425	13.6	13.2	11	0.3	6.5	2686	86.1	30.4	249	8.0	33.1	40	209	2437	78.1	30.1	1805	632
1981	3317	100	27.8	391	11.8	13.3	12	0.4	6.2	2914	87.8	33.1	230	6.9	31.1	41	189	2684	80.9	33.2	2009	675
EXPORTS OF DOMESTIC PRODUCTS																						
1975	441	100	4.1	234	53.1	7.3	13	2.9	8.3	194	44.0	2.6	50	11.3	6.1	23	27	144	32.7	2.2	68	76
1976	476	100	4.0	267	56.1	7.7	7	1.5	4.0	202	42.4	2.5	53	11.1	6.1	26	27	149	31.3	2.1	66	83
1977	418	100	3.3	221	52.9	6.5	4	0.9	2.3	193	46.2	2.1	51	12.2	5.8	23	28	142	34.0	1.8	61	81
1978	449	100	3.5	220	49.0	6.8	4	0.9	2.1	225	50.1	2.4	43	9.6	4.8	22	21	182	40.5	2.1	76	106
1979	620	100	4.8	301	48.5	9.1	6	1.0	3.5	313	50.5	3.3	33	5.3	3.9	21	12	280	45.2	3.2	128	152
1980	617	100	5.1	259	42.0	8.0	6	1.0	3.6	352	57.0	4.0	31	5.0	4.1	20	11	321	52.0	4.0	141	180
1981	490	100	4.1	166	33.9	5.7	5	1.0	2.6	319	65.1	3.6	28	5.7	3.8	17	11	291	59.4	3.6	121	170
TOTAL END USE																						
1975	10823	100	100	3194	29.5	100	156	1.5	100	7473	69.0	100	823	7.6	100	389	434	6650	61.4	100	3810	2840
1976	11796	100	100	3492	29.6	100	175	1.5	100	8129	68.9	100	872	7.4	100	348	524	7257	61.5	100	3896	3361
1977	12550	100	100	3389	27.0	100	176	1.4	100	8985	71.6	100	883	7.0	100	358	525	8102	64.6	100	4342	3760
1978	12802	100	100	3238	25.3	100	188	1.5	100	9576	73.2	100	889	6.9	100	372	517	8487	66.3	100	4595	3892
1979	13023	100	100	3307	25.4	100	173	1.3	100	9543	73.3	100	859	6.5	100	364	475	8704	66.8	100	4751	3953
1980	12217	100	100	3212	26.3	100	168	1.4	100	8837	72.3	100	753	6.1	100	332	421	8084	66.2	100	4381	3703
1981	11950	100	100	2934	24.6	100	194	1.6	100	8822	73.8	100	740	6.2	100	294	446	8082	67.6	100	4506	3576

a. The percentages in these columns show the share of each fiber in the specified end use each year. They add horizontally to the 100% shown in each of the Grand Total columns.

b. The percentages in these columns show the usage of each type of fiber by its major end use categories. They add vertically to the 100% shown under Total End Use Consumption.

poundages used in Home Furnishings (blankets and carpets) and such Apparel items as Retail Piece Goods and Craft Yarns.

These poundages were deducted from the Available Supply in the page 215 table and residual poundages were then attributed to Apparel. Usage in individual apparel items from the years 1975-1981 was calculated by correlating the data of Census reports MA-23A and MQ-22T on, respectively, Apparel and Broad Woven Goods.

Man-Made Fibers. As will be seen, there is relatively good correlation between End Use Consumption and Available Supply.

The fluctuations of producers' domestic shipments, as well as imports, from year to year are significant. In years when there is a large increase in domestic shipments plus imports of fiber (Available Supply), it is probable that some of the increase went into mill and manufacturers' inventories rather than directly into end uses. Both warehouse inventories of yarn and staple

(Continued on page 223)

MILL CONSUMPTION+SEMIMANUFACTURED IMPORTS - MILLION POUNDS

YEAR	MAN-MADE FIBERS: MILL CONSUMPTION[a]: CELLULOSIC: YARN	CELLULOSIC: STAPLE[b]	CELLULOSIC: TOTAL	NONCELLULOSIC+TEXT. GLASS: YARN	NONCELLULOSIC+TEXT. GLASS: STAPLE[b]	NONCELLULOSIC+TEXT. GLASS: TOTAL	IM-PORTS[c]	TOTAL	COTTON: MILL CONS[a]	COTTON: IM-PORTS[c]	COTTON: TOTAL	WOOL: MILL CONS[a]	WOOL: REPRO-CESSED & REUSED[d]	WOOL: COTTON SYSTEM[d]	WOOL: IM-PORTS[c]	WOOL: TOTAL	MILL CONS+ IMPORTS =AVAIL-ABLE
1975	377.8	424.2	802.0	3,802.1	2,812.4	6,614.5	89.6	7,506.1	3,068.7	238.1	3,306.8	132.0	14.8	0.8	12.8	160.4	10,973.5
1976	339.6	515.7	855.3	3,888.8	3,308.4	7,197.2	103.4	8,155.9	3,389.0	351.4	3,740.4	145.9	14.8	3.0	18.0	181.7	12,078.0
1977	351.0	517.2	868.2	4,345.2	3,674.1	8,019.3	127.6	9,015.1	3,169.8	258.1	3,427.9	133.9	16.7	4.1	25.3	180.0	12,623.0
1978	363.3	516.4	879.7	4,580.8	3,767.2	8,348.0	169.3	9,397.0	3,040.4	330.7	3,371.1	141.6	16.8	3.0	31.9	193.3	12,961.4
1979	356.7	474.3	831.0	4,740.2	3,872.5	8,612.7	119.1	9,562.8	3,066.4	249.1	3,315.5	134.4	17.0	2.5	25.9	179.8	13,058.1
1980	325.0	415.7	740.7	4,426.0	3,617.6	8,043.6	111.6	8,895.9	3,064.4	277.8	3,342.2	133.9	10.5	3.8	25.3	173.5	12,411.6
1981	283.6	430.7	714.3	4,484.0	3,524.2	8,008.2	141.1	8,863.6	2,705.8	374.4	3,078.2	152.7	8.3	3.2	32.8	197.0	12,138.8

a. Mill Consumption is taken from page 44 of the March 1982 *Organon* issue plus subsequent revisions.

b. Man-Made staple includes waste.

c. Imports are taken from page 45 of the March issue and comprise semimanufactured goods; see the footnotes there.

d. These poundages of reprocessed and reused wool, as well as wool consumed on the cotton spinning system, are not included in the mill consumption series for wool (see page 36 of the February 1970 *Organon*). However, they are considered here as part of the available supply of wool as shown in the table below.

END USE VERSUS AVAILABLE SUPPLY - MILLION POUNDS & *Percent*

FIBERS	1975: AVAIL-ABLE[a]	1975: END USE[b]	1975: %[c]	1976: AVAIL-ABLE[a]	1976: END USE[b]	1976: %[c]	1977: AVAIL-ABLE[a]	1977: END USE[b]	1977: %[c]	1978: AVAIL-ABLE[a]	1978: END USE[b]	1978: %[c]	1979: AVAIL-ABLE[a]	1979: END USE[b]	1979: %[c]	1980: AVAIL-ABLE[a]	1980: END USE[b]	1980: %[c]	1981: AVAIL-ABLE[a]	1981: END USE[b]	1981: %[c]
COTTON	3307	3194	96.6	3740	3492	93.4	3428	3389	98.9	3371	3238	96.1	3516	3507	99.7	3342	3212	96.1	3078	2934	95.3
WOOL	160	156	97.5	182	175	96.2	180	176	97.8	193	188	97.4	180	173	96.1	174	168	96.6	197	194	98.5
TOTAL COTTON & WOOL	**3467**	**3350**	96.6	**3922**	**3667**	93.5	**3608**	**3565**	98.8	**3564**	**3426**	96.1	**3496**	**3480**	99.5	**3516**	**3380**	96.1	**3275**	**3128**	95.5
CELL. YARN[d]	391	389	99.5	350	348	99.4	360	358	99.4	373	372	99.7	364	364	100.0	332	332	100.0	294	294	100.0
STAPLE[e]	435	434	99.8	528	524	99.2	530	525	99.1	532	517	97.2	485	475	97.9	427	421	98.6	448	446	99.6
NONCELL. YARN[d]	3304	3276	99.2	3238	3218	99.4	3570	3551	99.5	3713	3708	99.9	3833	3830	99.9	3560	3507	98.5	3554	3542	99.7
STAPLE[e]	2842	2840	99.9	3362	3361	99.9	3764	3760	99.9	3892	3892	100.0	3958	3952	99.8	3705	3705	100.0	3586	3576	99.7
TOTAL MAN-MADE FIBER ABOVE	**6972**	**6939**	99.5	**7478**	**7451**	99.6	**8224**	**8194**	99.6	**8510**	**8489**	99.8	**8640**	**8621**	99.8	**8022**	**7963**	99.3	**7882**	**7858**	99.7
TEXTILE GLASS FIBER	534	534	100.0	678	678	100.0	791	791	100.0	887	887	100.0	922	922	100.0	874	874	100.0	982	964	98.2
TOTAL FIBERS ABOVE	**10973**	**10823**	98.6	**12078**	**11796**	97.7	**12623**	**12550**	99.4	**12961**	**12802**	98.8	**13058**	**13023**	99.7	**12412**	**12217**	98.4	**12139**	**11950**	98.4

a. Available means mill consumption plus the imports of semimanufactured products from the table above.

b. End Use from the summary table on page 214.

c. End Use as a percentage of Available.

d. Yarn includes monofilaments.

e. Staple includes tow, fiberfill and waste.

IMPORTS FOR CONSUMPTION - MILLION POUNDS

YEAR	SILK: RAW MATL	SILK: SEMI-MFRD	SILK: FIN-ISHED	SILK: TOTAL	LINEN: RAW MATL	LINEN: SEMI-MFRD	LINEN: FIN-ISHED	LINEN: TOTAL	JUTE: RAW MATL	JUTE: SEMI-MFRD	JUTE: FIN-ISHED	JUTE: TOTAL	SISAL & OTHERS: RAW MATL	SISAL & OTHERS: SEMI-MFRD	SISAL & OTHERS: FIN-ISHED	SISAL & OTHERS: TOTAL	TOTAL IMPORTS (TO THE LEFT)
1975	1.0	0.9	0.7	**2.6**	0.8	4.3	28.4	**33.5**	46.9	488.8	20.8	**556.5**	84.7	8.4	218.9	**312.0**	**904.6**
1976	2.8	1.4	1.3	**5.5**	0.9	4.8	34.3	**40.0**	46.2	585.3	60.9	**690.4**	102.2	7.6	271.3	**381.1**	**1117.0**
1977	1.6	2.0	1.8	**5.4**	0.4	3.4	35.2	**39.0**	26.7	597.9	29.2	**653.8**	115.9	3.7	253.6	**373.2**	**1071.4**
1978	2.0	3.6	3.5	**9.1**	1.0	5.2	36.2	**42.4**	57.6	588.6	38.2	**664.4**	127.8	8.4	234.0	**370.2**	**1086.1**
1979	1.5	2.8	3.9	**8.2**	0.9	5.1	30.4	**36.4**	48.5	488.8	13.5	**550.8**	117.0	4.7	304.8	**426.5**	**1021.9**
1980	1.0	3.1	4.4	**8.5**	0.6	2.9	27.7	**31.2**	20.9	380.4	13.6	**414.9**	104.6	5.6	242.2	**352.4**	**807.0**
1981	2.0	4.7	8.3	**15.0**	2.9	2.2	22.2	**27.3**	38.7	382.9	13.4	**435.0**	82.9	11.9	211.7	**306.5**	**783.8**

SOURCE: U.S. Census Bureau.

Because these fibers are not grown in the United States (flax production is nominal), imports are taken as the total available supply.

SILK. **Raw material** means raw silk plus silk waste & noils. **Semimanufactured** means spun & thrown silk yarns and silk fabrics. **Finished goods** are mainly scarves, handkerchiefs, blouses and laces.

LINEN. **Raw material** includes hackled and unhackled flax, noils, tow & straw. **Semimanufactured** includes linen yarn, sliver & roving. **Finished goods** are mainly fabrics, handkerchiefs, toweling, napery & dresses.

JUTE. **Raw material** includes unmanufactured jute and jute butts. **Semimanufactured** means yarn & roving, new & waste bagging and burlap in the piece. **Finished goods** are mainly cordage, bags and webbing.

SISAL & OTHERS includes all of the *hard or leaf fibers* (e.g., abaca or manila hemp, coir, crin, henequen, istle or tampico, sisal, etc.) **Imported** into the United States plus the *soft or bast fibers* (e.g., hemp, ramie, sunn, etc.) except flax or linen and jute, which are tabulated separately here. **Semimanufactured** is chiefly coir yarns & roving. **Finished goods** are mainly cordage and twine.

APPAREL[a]

END USE & YEAR		TOTAL FIBER	MAN-MADE FIBERS[b]					COTTON	WOOL
			TOTAL	CELLULOSIC		NONCELL.			
				YARN	STAPLE	YARN	STAPLE		
TOTAL APPAREL	**1975**	**4655.8**	**2988.0**	**257.5**	**75.9**	**1491.9**	**1162.7**	**1562.7**	**105.1**
	1976	**4830.5**	**2967.7**	**216.0**	**72.1**	**1308.7**	**1370.9**	**1736.0**	**126.8**
	1977	**5135.0**	**3267.8**	**219.1**	**84.4**	**1456.2**	**1508.1**	**1734.7**	**132.5**
	1978	**5023.0**	**3201.2**	**227.6**	**79.0**	**1444.1**	**1450.5**	**1683.1**	**138.7**
	1979	**4825.5**	**2997.3**	**244.8**	**96.4**	**1358.7**	**1297.4**	**1696.2**	**132.0**
	1980	**4823.2**	**2971.0**	**225.2**	**78.2**	**1246.2**	**1421.4**	**1726.8**	**125.4**
	1981	**4602.9**	**2851.8**	**201.4**	**126.0**	**1250.0**	**1274.4**	**1602.6**	**148.5**
40 SHEER HOSIERY (W)*	1975	52.6	52.6	c	--	52.6	--	--	--
	1976	56.2	56.2	--	--	56.2	--	--	--
	1977	54.7	54.7	--	--	54.7	--	--	--
	1978	60.9	60.9	--	--	60.9	--	--	--
	1979	66.1	66.1	--	--	66.1	--	--	--
	1980	67.8	67.8	--	--	67.8	--	--	--
	1981	69.9	69.9	--	--	69.9	--	--	--
19 41 ANKLETS & SOCKS (MW)*	1975	131.1	96.2	--	0.1	55.1	45.0	31.9	5.0
	1976	140.9	99.7	--	0.2	48.6	50.9	39.2	2.0
	1977	165.9	129.2	--	0.4	55.9	72.9	34.7	2.0
	1978	178.5	136.3	--	0.5	56.0	80.0	40.2	2.0
	1979	167.1	151.4	--	0.5	52.7	78.2	33.2	2.5
	1980	188.3	151.9	--	0.5	56.9	94.5	r34.0	2.4
	1981	184.0	149.1	--	0.7	60.5	88.1	32.1	2.8
8 29 SWEATERS & RELATED ACCESSORIES (MW)*	1975	103.3	86.1	--	c	12.4	73.7	7.1	10.1
	1976	126.9	111.0	--	c	8.1	102.9	6.9	9.0
	1977	158.1	139.0	--	0.7	16.9	121.4	7.6	11.5
	1978	145.4	126.2	--	0.7	10.1	115.4	7.5	11.7
	1979	124.8	103.9	--	0.7	10.2	95.0	r6.6	14.3
	1980	137.3	115.8	--	0.1	12.6	103.1	r7.9	13.6
	1981	138.0	113.8	--	0.6	0.9	112.5	8.1	16.1
57 CRAFT & HANDWORK YARNS*	1975	112.0	99.7	--	6.5	--	93.4	10.1	2.2
	1976	93.4	86.2	--	5.4	--	82.8	5.0	2.2
	1977	123.1	116.9	--	5.5	--	111.6	4.2	2.0
	1978	130.8	125.0	--	1.7	c	123.3	3.8	2.0
	1979	129.0	121.1	--	0.9	c	120.2	5.7	4.2
	1980	126.0	118.7	c	0.2	c	118.5	3.5	4.0
	1981	101.5	92.9	--	0.7	c	92.2	3.9	4.7
16 18 UNDERWEAR & NIGHTWEAR (M)*	1975	250.2	65.6	c	--	4.0	59.6	185.9	0.7
	1976	257.0	59.2	--	--	2.0	57.2	196.9	0.9
	1977	251.7	66.5	--	--	6.5	60.2	184.2	1.0
SILK	1978	254.7	74.6	--	0.3	14.6	59.7	179.1	1.0
	1979	257.6	86.3	--	0.8	21.3	64.2	r170.3	1.0
	1980	254.4	104.0	c	0.8	26.2	77.0	r149.4	1.0
	1981	258.5	84.9	--	1.1	20.9	62.9	152.2	1.2
35 39 UNDERWEAR, NIGHTWEAR, BRAS AND FOUNDATIONS (W)*	1975	204.0	151.3	51.1	0.5	109.5	10.2	51.9	0.8
	1976	199.3	146.7	23.0	1.5	110.4	11.8	51.6	1.0
	1977	242.7	185.9	19.2	2.2	148.7	15.8	55.8	1.0
	1978	258.7	190.3	14.7	3.2	141.7	30.7	67.4	1.0
SILK	1979	240.8	184.1	18.7	2.1	157.5	25.8	r55.7	1.0
	1980	217.9	169.0	19.7	0.6	117.0	51.7	r47.9	1.0
	1981	212.0	162.0	18.5	c	111.0	52.7	48.8	1.2
10 51 ROBES & LOUNGEWEAR (MW)*	1975	85.6	61.9	52.4	--	26.6	2.9	20.2	1.5
	1976	99.1	76.5	39.8	--	55.6	5.1	20.6	2.0
	1977	115.9	91.2	56.5	--	30.4	4.5	20.2	2.5
SILK	1978	135.0	111.1	70.5	c	33.7	7.1	19.9	2.0
	1979	134.2	110.8	60.5	0.9	36.2	13.2	r20.9	2.5
	1980	148.1	126.3	65.0	0.4	38.0	24.9	r19.4	2.4
	1981	126.9	104.8	46.9	0.2	33.5	24.2	19.5	2.8

a. For all lettered and general footnotes to this table and the Home Furnishings and Industrial & Other Consumer-Type Products tables, please see pages 224-226.

APPAREL[a] *(Continued)*

END USE & YEAR		TOTAL FIBER	MAN-MADE FIBERS[b]					COTTON	WOOL
			TOTAL	CELLULOSIC		NONCELL.			
				YARN	STAPLE	YARN	STAPLE		
54a HIGH PILE FABRICS*	1975	106.5	106.5	...	...	3.1	103.4	IN	IN
	1976	110.0	110.0	...	0.1	3.1	106.8	ITEM	ITEM
	1977	125.0	125.0	...	0.1	6.8	118.1	54b	54b
	1978	115.7	115.7	...	...	10.5	105.2	BELOW	BELOW
	1979	103.0	103.0	c	0.4	13.5	89.1		
	1980	100.4	100.4	...	0.1	14.3	86.0		
	1981	78.6	78.6	...	0.3	13.1	65.2		
54b FABRICS FOR LINING*	1975	210.4	135.2	77.9	11.4	22.4	23.5	72.4	2.8
	1976	223.5	145.1	89.5	7.2	27.8	20.6	75.2	3.2
	1977	226.8	152.5	93.4	7.2	25.3	26.6	70.8	3.5
	1978	218.7	150.1	92.3	r6.6	23.8	27.4	65.6	3.0
	1979	206.7	146.4	86.8	8.7	24.0	26.9	r57.8	2.5
	1980	180.6	123.6	78.0	7.5	17.0	21.1	r54.6	2.4
	1981	192.9	137.0	85.0	5.4	19.2	29.4	53.1	2.8
45 APPAREL LACE (W)*	1975	7.9	6.4	5.0	...	1.4	...	1.5	...
	1976	6.8	5.3	3.5	...	1.8	...	1.5	...
	1977	8.0	6.5	3.5	...	3.0	...	1.5	...
	1978	10.0	8.5	3.7	...	4.8	...	1.5	...
	1979	6.8	5.3	1.7	...	3.6	...	1.5	...
	1980	6.7	5.2	...	...	5.2	...	1.5	...
	1981	8.0	6.5	...	...	6.5	...	1.5	...
55 RETAIL PIECE GOODS*	1975	479.6	353.0	4.0	4.0	250.0	75.0	140.6	6.0
	1976	477.7	340.0	7.5	7.5	225.0	100.0	132.2	5.5
	1977	459.1	330.0	6.0	6.0	199.0	119.0	124.1	5.0
	1978	405.5	291.0	5.0	5.0	161.0	120.0	110.5	4.0
	1979	348.0	250.0	4.0	4.0	121.0	121.0	r94.0	4.0
	1980	316.9	230.0	3.0	3.0	102.0	122.0	r83.9	3.0
	1981	310.5	229.5	2.5	2.0	97.0	128.0	77.4	3.6
56a NARROW FABRICS*	1975	50.1	21.0	5.1	4.1	9.2	2.6	29.1	...
	1976	48.1	22.5	7.7	0.6	11.4	2.8	25.6	...
	1977	42.9	23.3	5.7	0.6	13.4	3.6	19.6	...
	1978	54.9	29.9	5.6	0.2	16.0	8.1	25.0	...
	1979	48.4	25.4	5.1	0.4	13.1	6.8	23.0	...
	1980	52.8	29.6	7.5	0.3	17.2	4.6	23.2	...
	1981	42.3	17.3	5.7	...	9.2	2.4	25.0	...
TOPWEIGHT FABRICS*	1975	912.5	630.0	92.0	36.0	214.0	288.0	281.0	1.5
	1976	907.0	569.0	58.0	35.0	157.0	339.0	336.0	2.0
	1977	982.0	629.0	25.0	43.0	206.0	355.0	351.0	2.0
	1978	1041.3	689.0	24.0	42.0	265.0	360.0	349.8	2.5
	1979	1048.6	686.0	42.0	49.0	265.0	330.0	r360.1	2.5
	1980	1008.8	611.0	34.0	42.0	200.0	335.0	r395.4	2.4
	1981	986.0	596.0	27.0	74.0	210.0	285.0	387.2	2.8
BOTTOMWEIGHT FABRICS*	1975	1887.5	1140.0	10.0	12.0	733.0	385.0	671.0	76.5
	1976	2018.0	1135.0	7.0	15.0	623.0	490.0	784.0	99.0
	1977	2097.0	1212.0	10.0	18.0	689.0	495.0	783.0	102.0
	1978	1931.8	1088.0	12.0	19.0	647.0	410.0	734.3	109.5
	1979	1860.3	966.0	26.0	28.0	592.0	320.0	r796.8	97.5
	1980	1947.1	1012.0	20.0	22.0	570.0	400.0	r841.9	93.2
	1981	1844.4	998.0	16.0	38.0	596.0	348.0	735.9	110.5
OTHER APPAREL & ACCESSORIES (MW)*	1975	64.5	4.5	...	1.5	0.6	2.4	60.0	c
	1976	66.6	5.3	...	1.6	0.7	3.0	61.3	c
	1977	84.1	6.1	...	2.9	0.8	2.4	78.0	c
SILK, LINEN	1978	83.1	4.6	...	c	1.0	3.6	78.5	c
	1979	84.1	11.5	...	c	2.5	9.0	r72.6	c
	1980	70.1	5.7	...	0.7	2.0	3.0	r64.4	c
	1981	69.6	11.5	...	c.0	2.5	4.0	58.1	c

Most of the above data are taken from the Textile Economics Bureau's publication ***Man-Made Fiber Producers' Handbook***.

HOME FURNISHINGS[a]

END USE & YEAR		TOTAL FIBER	MAN-MADE FIBERS[b]					COTTON	WOOL
			TOTAL	CELLULOSIC		NONCELL.			
				YARN	STAPLE	YARN	STAPLE		
TOTAL HOME FURNISHINGS	**1975**	**3232.5**	**2294.1**	**47.4**	**128.6**	**909.5**	**1208.6**	**906.5**	**31.9**
	1976	**3526.4**	**2572.8**	**45.0**	**170.6**	**921.5**	**1435.7**	**920.6**	**33.0**
	1977	**3842.3**	**2904.7**	**54.2**	**157.9**	**1072.1**	**1620.5**	**905.6**	**32.0**
	1978	**3995.7**	**3097.4**	**56.3**	**182.1**	**1160.2**	**1698.8**	**863.0**	**35.3**
GLASS: 1975 1981	**1979**	**4091.7**	**3216.8**	**48.1**	**146.3**	**1244.0**	**1778.4**	**848.0**	**26.9**
35.7, 28.4, 18.0,	**1980**	**3657.4**	**2828.2**	**47.3**	**122.4**	**1189.1**	**1469.4**	**803.4**	**25.8**
16.5, 15.4, 12.5, 12.7	**1981**	**3539.7**	**2736.8**	**34.8**	**119.9**	**1125.7**	**1456.4**	**774.2**	**28.7**
45 BEDSPREADS & QUILTS*	1975	147.7	63.9	16.3	6.6	19.0	22.0	83.8	--
	1976	148.4	62.8	13.2	5.1	19.5	25.0	85.6	--
	1977	147.4	65.1	7.5	5.1	20.5	32.0	82.3	--
	1978	138.2	74.5	3.5	6.0	25.0	40.0	63.7	--
	1979	137.3	76.5	3.0	5.0	23.5	47.0	r60.8	--
	1980	128.1	72.9	5.4	2.1	15.4	50.0	r55.2	--
	1981	140.9	90.7	4.5	3.1	24.1	59.0	50.2	--
46 BLANKETS & BLANKETING*	1975	116.4	102.6	0.1	0.3	4.2	98.0	9.0	4.8
	1976	107.7	93.5	0.1	0.3	4.0	88.9	8.8	5.6
	1977	130.3	115.7	0.2	--	4.8	110.7	8.8	5.8
	1978	129.2	114.7	0.1	2.0	4.7	107.9	8.5	6.0
	1979	112.1	100.5	0.1	2.0	4.1	94.1	7.3	4.5
	1980	109.1	97.2	--	2.0	3.5	91.7	7.9	4.0
	1981	90.8	78.9	--	0.9	3.5	74.5	7.4	4.5
47 SHEETS & OTHER BEDDING*	1975	476.0	202.1	c	7.5	10.2	184.4	273.9	--
	1976	528.5	248.4	0.2	8.7	9.2	230.3	280.1	--
	1977	525.2	242.1	0.7	13.7	19.3	208.4	283.1	--
LINEN	1978	506.8	237.4	2.4	13.6	18.1	203.3	269.4	--
	1979	508.5	254.1	3.0	9.0	22.2	219.9	r254.4	--
	1980	507.9	263.8	2.3	9.4	25.9	226.2	r244.1	--
	1981	535.4	299.3	2.4	13.8	34.0	249.1	234.1	--
48 TOWELS & TOWELING*	1975	271.4	13.2	--	1.2	--	12.0	258.2	--
	1976	285.5	13.4	--	0.5	--	12.9	272.1	--
	1977	308.6	28.5	--	0.5	--	28.0	280.1	--
LINEN, RAMIE	1978	308.2	27.9	--	0.5	--	27.4	280.3	--
	1979	334.3	34.3	--	0.5	c	33.8	300.0	--
	1980	328.5	35.3	--	0.9	c	34.4	r293.2	--
	1981	326.7	32.6	--	0.9	0.3	31.4	294.1	--
56b NARROW FABRICS*	1975	7.1	0.6	0.6	--	--	--	6.5	--
	1976	6.5	0.8	0.8	--	--	--	5.7	--
	1977	5.7	1.3	0.5	--	0.8	c	4.4	--
	1978	7.2	2.5	1.4	--	0.8	0.3	4.7	--
	1979	6.2	1.9	0.6	--	0.9	0.4	4.3	--
	1980	5.3	1.4	0.2	0.1	0.6	0.5	3.9	--
	1981	6.1	2.3	--	--	0.9	1.4	3.8	--

HOME FURNISHINGS[a] *(Continued)*

END USE & YEAR		TOTAL FIBER	MAN-MADE FIBERS[b] TOTAL	CELLULOSIC YARN	CELLULOSIC STAPLE	NONCELL. YARN	NONCELL. STAPLE	COTTON	WOOL
50 TOTAL CARPETS & RUGS[e]	1975	1584.4	1552.9	0.6	1.7	726.8	823.8	14.9	16.6
	1976	1781.8	1752.9	0.3	1.8	755.4	995.4	13.4	15.5
	1977	2011.2	1984.7	c	1.0	881.2	1102.5	13.7	12.8
STEEL	1978	2178.1	2149.1	--	0.9	970.4	1177.8	15.8	13.2
SEE DETAIL IN	1979	2270.7	2243.2	--	0.6	1038.5	1204.1	16.6	10.9
ITEMS 50a & b	1980	1926.0	1900.7	--	0.2	1001.8	898.7	r 14.9	10.4
FOLLOWING	1981	1818.6	1794.2	--	0.7	918.4	875.1	12.9	11.5
50a FACE YARNS[e]	1975	1417.7	1397.8	--	1.7	577.9	818.2	3.3	16.6
	1976	1590.4	1571.6	--	1.8	577.7	992.1	3.3	15.5
	1977	1796.4	1780.7	--	1.0	684.8	1094.9	2.9	12.8
	1978	1938.1	1921.7	--	0.9	756.7	1164.1	3.2	13.2
NON ADD	1979	2009.0	1994.4	--	0.6	817.8	1176.0	3.7	10.9
SEE DETAIL	1980	1686.1	1672.7	--	0.2	804.0	868.5	r 3.0	10.4
IN FOOTNOTE	1981	1581.2	1567.1	--	0.7	723.1	843.3	2.6	11.5
50b BACKING[e]	1975	166.7	155.1	0.6	--	248.9	5.6	11.6	--
	1976	191.4	181.3	0.3	--	177.7	3.3	10.1	--
	1977	214.8	204.0	c	--	196.4	7.6	10.8	--
GLASS, JUTE, PAPER	1978	240.0	227.4	--	--	213.7	13.7	12.6	--
	1979	261.7	248.8	--	--	220.7	28.1	12.9	--
NON ADD	1980	239.9	228.0	--	--	197.8	30.2	r 11.9	--
SEE ITEM 50	1981	237.4	227.1	--	--	195.3	31.8	10.3	--
51 CURTAINS[e]	1975	67.6	53.6	3.6	13.0	26.5	10.5	14.0	--
	1976	67.5	54.1	3.7	19.1	19.8	11.5	13.4	--
ALSO SEE ITEM 52	1977	74.0	62.0	1.8	16.3	25.3	20.6	12.0	--
	1978	88.7	78.2	3.8	19.1	25.5	29.8	10.5	--
GLASS: 1975-1981	1979	72.9	62.3	1.4	10.6	23.7	26.6	10.6	--
0.6, 0.4, 0.2,	1980	89.5	80.1	4.0	7.5	28.4	40.2	9.4	--
0.1, 0, 0, 0	1981	81.0	72.2	4.4	6.8	25.2	35.8	8.8	--
52 DRAPERY & UPHOLSTERY[e]	1975	522.3	291.5	26.0	98.0	117.5	50.0	220.3	10.5
	1976	566.0	339.1	26.4	135.0	108.4	69.3	215.0	11.9
	1977	587.0	379.8	41.5	121.0	108.1	109.2	193.8	13.4
SILK, LINEN, BURLAP	1978	587.2	390.3	42.5	138.0	103.4	106.4	180.8	16.1
GLASS: 1975-1981	1979	575.8	398.5	37.5	115.0	112.6	133.4	r 165.8	11.5
32.0, 23.4, 10.2,	1980	487.8	328.8	34.1	94.4	94.7	105.6	r 147.6	11.4
6.9, 7.6, 3.6, 3.7	1981	474.1	323.6	22.3	91.4	103.5	106.4	137.8	12.7
OTHER HOME FURNISHINGS[e]	1975	39.6	13.7	0.2	0.3	5.3	7.9	25.9	--
	1976	34.5	8.0	0.3	0.1	5.2	2.4	26.5	--
	1977	52.9	25.5	2.0	0.3	14.1	9.1	27.4	--
LINEN	1978	52.1	22.8	2.6	2.0	12.3	5.9	29.3	--
GLASS: 1975-1981	1979	73.9	45.7	2.5	5.6	18.5	19.1	28.2	--
3.1, 4.6, 7.6,	1980	75.2	48.0	1.3	5.8	18.8	22.1	r 27.2	--
9.5, 7.8, 8.9, 9.0	1981	68.1	43.0	1.2	2.3	15.8	23.7	25.1	--

Noncellulosic yarn includes textile glass.

Most of the above data are taken from the Textile Economics Bureau's publication ***Man-Made Fiber Producers' Handbook***.

INDUSTRIAL & OTHER CONSUMER-TYPE PRODUCTS[a]

END USE & YEAR		TOTAL FIBER	MAN-MADE FIBERS[b]					COTTON	WOOL
			TOTAL	CELLULOSIC		NONCELL.			
				YARN	STAPLE	YARN	STAPLE		
TOTAL INDUSTRIAL & OTHER CONSUMER	**1975**	**2494.4**	**1996.9**	**61.9**	**202.1**	**1340.8**	**392.1**	**491.1**	**6.4**
	1976	**2962.8**	**2386.0**	**60.8**	**254.1**	**1600.0**	**471.1**	**569.3**	**7.5**
	1977	**3154.6**	**2619.1**	**62.1**	**254.3**	**1752.6**	**550.1**	**527.5**	**8.0**
	1978	**3334.2**	**2853.4**	**66.7**	**234.8**	**1914.8**	**637.1**	**471.8**	**9.0**
GLASS: 1975-1981	**1979**	**3485.7**	**3015.6**	**50.4**	**220.5**	**2019.7**	**725.0**	**461.6**	**8.5**
497.8, 649.2, 773.3,	**1980**	**3120.0**	**2686.0**	**39.8**	**209.2**	**1804.7**	**632.3**	**423.3**	**10.7**
870.2, 907.2, 861.8, 951.1	**1981**	**3317.3**	**2914.3**	**40.8**	**188.8**	**2009.4**	**675.3**	**391.2**	**11.8**
56c NARROW FABRICS*	1975	75.7	46.6	0.4	--	46.2	--	29.1	--
	1976	89.8	64.2	0.6	--	63.6	--	25.6	--
	1977	89.0	69.5	0.2	--	69.3	c	19.5	--
SILK, LINEN	1978	95.1	77.8	0.3	0.5	76.7	0.3	17.3	--
	1979	95.2	79.5	0.2	c	79.0	0.3	15.7	--
	1980	86.7	71.9	1.0	--	68.1	2.8	14.8	--
	1981	90.9	77.2	2.8	--	74.0	0.4	13.7	--
61 MEDICAL, SURGICAL & SANITARY*	1975	233.5	150.6	--	136.0	11.6	3.0	82.9	--
	1976	293.3	200.6	--	174.0	16.6	10.0	92.7	--
	1977	317.7	219.9	--	178.0	22.6	19.3	97.8	--
	1978	325.3	230.0	--	165.0	23.5	41.5	95.3	--
	1979	359.0	259.9	--	155.0	24.5	80.4	r99.1	--
	1980	353.2	253.2	c	141.7	31.6	r79.9	r100.0	--
	1981	345.1	248.5	--	122.1	38.1	88.3	96.6	--
63 & 64 TRANSPORTATION FABRIC*	1975	62.0	30.6	0.6	1.1	8.1	20.8	31.4	--
	1976	75.3	40.4	0.9	2.5	12.4	24.6	34.9	--
	1977	78.2	49.5	0.5	5.8	13.3	29.9	28.7	--
	1978	66.4	45.4	2.9	6.5	16.4	19.6	21.0	--
	1979	59.0	42.5	0.6	2.9	18.8	20.2	16.5	--
	1980	49.2	37.8	--	1.1	16.5	r20.2	11.4	--
	1981	59.1	52.8	--	0.5	22.2	30.1	6.3	--
65 TIRES*	1975	508.4	502.0	24.0	--	478.0	--	6.4	--
	1976	569.9	564.0	30.0	--	534.0	--	5.9	--
	1977	569.6	562.9	35.3	--	527.6	--	6.7	--
STEEL - SEE FOOTNOTE	1978	595.5	589.6	37.0	--	552.6	--	5.9	--
GLASS: 1975-1981	1979	572.1	565.9	25.7	--	540.2	--	r6.2	--
23.5, 24.8, 25.5,	1980	418.4	413.0	20.5	--	392.5	--	r5.4	--
29.0, 27.4, 22.0, 23.7,	1981	428.3	424.1	18.9	--	405.2	--	4.2	--
66 HOSE*	1975	38.2	32.3	14.5	--	9.4	8.4	5.9	--
	1976	41.8	35.4	14.2	--	11.6	9.6	6.4	--
	1977	44.0	37.5	14.0	--	15.6	7.9	6.5	--
LINEN	1978	48.5	43.5	16.0	--	18.5	9.0	5.0	--
	1979	52.5	47.2	15.5	--	19.9	11.8	r5.3	--
	1980	43.2	38.7	11.9	--	18.3	8.5	r4.5	--
	1981	47.2	42.9	11.5	--	21.7	9.7	4.3	--
67 BELTING*	1975	77.5	59.6	3.0	0.4	42.5	13.7	17.9	--
	1976	80.5	59.3	3.1	--	41.4	14.8	21.2	--
	1977	74.4	54.4	3.2	--	37.1	14.1	20.0	--
	1978	70.8	57.4	2.0	0.2	37.1	18.1	13.4	--
GLASS: 1975-1981	1979	91.6	75.9	1.7	0.2	44.7	29.3	15.7	--
0.1, 0.1, 0.1,	1980	62.5	50.5	1.0	0.7	34.5	14.3	r12.0	--
0.1, 0, 0, 0	1981	65.4	54.1	2.4	1.0	37.7	13.0	11.3	--
69 77 ELECTRICAL & REINFORCED PLASTICS*	1975	419.6	394.6	--	--	394.6	--	25.0	--
	1976	536.0	511.0	--	--	511.0	--	25.0	--
	1977	619.8	594.8	--	--	594.8	--	25.0	--
SILK, LINEN, JUTE	1978	678.8	653.8	c	--	653.6	0.2	25.0	--
GLASS: 1975-1981	1979	712.3	687.3	0.2	--	686.9	0.2	25.0	--
392.4, 507.6, 589.2,	1980	647.1	622.1	--	--	622.1	c	25.0	--
648.2, 680.7, 613.5, 696.2	1981	727.3	702.3	c	--	702.2	0.1	25.0	--
70 FELTS*	1975	18.6	9.9	--	2.5	2.0	5.4	3.1	5.6
	1976	19.7	9.7	--	2.1	1.6	6.0	3.5	6.5
	1977	20.1	11.3	--	3.2	2.0	6.1	1.8	7.0
	1978	25.3	15.8	--	6.1	2.3	7.4	1.5	8.0
	1979	26.5	17.6	--	5.3	5.2	7.1	1.4	7.5
	1980	28.1	17.0	--	3.4	4.8	8.8	1.4	9.7
	1981	26.9	14.8	--	4.0	5.2	5.6	1.3	10.8

INDUSTRIAL & OTHER CONSUMER-TYPE PRODUCTS[a] *(Continued)*

END USE & YEAR		TOTAL FIBER	MAN-MADE FIBERS[b] TOTAL	CELLULOSIC YARN	CELLULOSIC STAPLE	NONCELL. YARN	NONCELL. STAPLE	COTTON	WOOL
71 FILTRATION*	1975	26.2	21.0	--	3.0	7.8	10.2	5.2	--
	1976	34.0	28.3	--	5.8	8.8	13.7	5.7	--
CIGARETTE FILTRATION	1977	40.9	35.0	--	4.2	8.0	22.8	5.9	--
SEE FOOTNOTE	1978	44.6	38.5	--	4.4	8.8	25.3	6.1	--
GLASS: 1975-1981	1979	46.0	40.8	--	3.3	10.5	27.0	5.2	--
3.4, 3.7, 3.8,	1980	47.8	42.2	--	4.0	8.4	r29.8	5.6	--
5.0, 6.0, 4.3, 5.0	1981	39.6	34.0	--	4.1	10.1	19.8	5.6	--
72 SEWING THREAD*	1975	107.1	45.9	1.0	1.9	30.9	12.1	61.2	--
	1976	124.6	51.9	0.5	2.9	36.9	11.6	72.7	--
	1977	116.3	56.2	0.3	4.5	39.4	12.0	60.1	--
SILK, LINEN	1978	116.6	61.4	0.2	4.3	42.2	14.7	55.2	--
	1979	111.3	62.6	0.1	3.7	45.7	13.1	48.7	--
	1980	111.8	64.7	c	5.6	46.2	12.9	47.1	--
	1981	117.7	73.7	c	8.0	49.5	16.2	44.0	--
73 ROPE, CORDAGE, FISHLINE, ETC.*	1975	162.7	128.2	3.2	1.8	114.9	8.3	34.5	--
	1976	162.7	118.6	3.0	1.2	107.5	6.9	44.1	--
	1977	155.6	122.4	2.2	1.3	112.9	6.0	33.2	--
SISAL, LINEN,	1978	171.5	140.1	2.0	1.0	126.4	10.7	31.4	--
JUTE, SILK	1979	183.8	154.1	1.0	2.1	147.1	3.9	r29.7	--
	1980	161.8	134.6	0.8	0.9	r130.6	r2.3	r27.2	--
	1981	173.4	148.2	1.8	0.7	137.4	8.3	25.2	--
74 BAGS & BAGGING*	1975	54.5	44.6	--	--	44.6	--	9.9	--
	1976	58.7	49.7	--	--	49.7	c	9.0	--
	1977	53.3	46.0	--	--	45.8	0.2	7.3	--
JUTE	1978	51.8	44.5	--	--	44.5	--	7.3	--
	1979	62.2	55.0	--	--	53.6	1.4	7.2	--
	1980	67.2	60.4	--	--	60.4	--	6.8	--
	1981	69.5	62.9	--	--	61.6	1.3	6.6	--
75 COATED & PROTECTIVE FABRICS*	1975	144.5	83.1	--	15.0	24.0	44.1	61.4	--
	1976	178.1	110.9	--	19.1	31.7	60.1	67.2	--
	1977	169.7	102.0	--	17.4	28.5	56.1	67.7	--
	1978	170.3	107.4	--	10.6	36.8	60.0	62.9	--
GLASS: 1975-1981	1979	167.3	113.8	0.1	10.2	40.9	62.6	53.5	--
3.8, 3.8, 4.0,	1980	176.0	124.2	0.5	10.5	33.3	r79.9	r51.8	--
4.0, 4.0, 3.0, 4.0	1981	173.3	124.7	--	10.4	33.1	81.2	48.6	--
76 PAPER & TAPE REINFORCING*	1975	40.8	33.4	1.6	0.6	29.7	1.5	7.4	--
	1976	52.6	45.2	1.9	4.3	38.0	1.0	7.4	--
	1977	58.6	51.2	1.4	6.5	42.6	0.7	7.4	--
JUTE	1978	52.0	45.4	1.5	3.0	40.4	0.5	6.6	--
GLASS: 1975-1981	1979	46.7	41.6	1.2	c	40.0	0.4	5.1	--
26.8, 33.8, 38.5,	1980	40.7	36.2	1.3	r c	34.7	0.2	4.5	--
39.5, 39.5, 32.7, 36.0	1981	41.8	38.0	c	0.9	36.6	0.5	3.8	--
79a FIBERFILL, STUFFING & FLOCK*	1975	200.2	200.2	--	10.3	--	189.9	--	--
	1976	236.4	236.4	--	10.6	--	225.8	--	--
	1977	261.7	261.7	--	7.7	--	254.0	--	--
	1978	268.1	268.1	--	4.8	--	263.3	--	--
	1979	311.2	311.2	--	5.5	--	305.7	--	--
	1980	254.9	254.9	--	6.3	--	248.6	--	--
	1981	293.5	293.5	--	10.7	--	282.8	--	--
79b UNALLOCATED NONWOVENS*	1975	54.0	54.0	--	12.6	--	41.4	--	--
	1976	77.9	77.9	--	12.2	--	65.7	--	--
	1977	83.5	83.5	--	9.5	--	74.0	--	--
	1978	96.7	96.7	--	10.9	--	85.8	--	--
	1979	120.0	120.0	--	14.8	--	105.2	--	--
	1980	95.4	95.4	--	14.1	--	81.3	--	--
	1981	81.6	81.6	--	12.0	--	69.6	--	--
MISCELLANEOUS INDUSTRIAL & CONSUMER-TYPE PRODUCTS*	1975	270.9	160.3	13.6	16.9	96.5	33.3	109.8	0.8
	1976	331.5	182.5	6.6	19.4	135.2	21.3	148.0	1.0
	1977	402.2	261.3	5.0	16.2	193.1	47.0	139.9	1.0
	1978	456.9	338.0	4.8	17.5	235.0	80.7	117.9	1.0
GLASS: 1975-1981	1979	469.0	340.7	4.1	17.5	262.7	56.4	127.3	1.0
47.8, 75.4, 112.2	1980	476.0	369.2	2.8	20.9	302.7	42.8	105.8	1.0
144.4, 149.6, 186.3, 186.2	1981	536.7	441.0	3.4	14.4	374.8	48.4	94.7	1.0

Noncellulosic yarn includes textile glass.

Most of the above data are taken from the Textile Economics Bureau's publication ***Man-Made Fiber Producers' Handbook***.

EXPORTS OF DOMESTIC PRODUCTS[a]

END USE & YEAR		TOTAL FIBER	MAN-MADE FIBERS[b]					COTTON	WOOL
			TOTAL	CELLULOSIC		NONCELL.			
				YARN	STAPLE	YARN	STAPLE		
TOTAL EXPORTS OF DOMESTIC PRODUCTS	**1975**	**441.5**	**194.0**	**23.3**	**26.8**	**68.3**	**75.6**	**234.4**	**13.1**
	1976	**476.1**	**202.5**	**26.0**	**26.9**	**66.1**	**83.5**	**266.9**	**6.7**
	1977	**417.7**	**192.7**	**23.2**	**28.2**	**60.8**	**80.5**	**220.9**	**4.1**
	1978	**448.8**	**225.2**	**22.0**	**21.5**	**76.0**	**105.7**	**219.8**	**3.8**
	1979	**620.4**	**313.4**	**21.0**	**12.0**	**128.6**	**151.8**	**301.3**	**5.7**
	1980	**617.5**	**351.8**	**20.0**	**10.8**	**141.0**	**180.0**	**259.3**	**6.4**
	1981	**489.7**	**318.7**	**17.2**	**10.3**	**121.0**	**170.2**	**165.9**	**5.1**
80 YARN, THREAD, ETC.[c]	1975	56.5	27.7	e	4.2	e	23.5	17.0	11.8
	1976	61.1	36.9	e	6.0	e	30.9	18.5	5.7
	1977	59.6	39.5	e	9.4	e	30.1	16.9	3.2
	1978	72.3	37.7	e	3.5	e	34.2	32.0	2.6
	1979	94.2	55.8	e	4.0	e	51.8	34.2	4.2
	1980	105.1	53.3	e	3.3	e	50.0	47.0	4.8
	1981	103.6	62.3	e	3.9	e	58.4	38.1	3.2
81 WOVEN & KNIT FABRIC[d]	1975	385.0	166.3	23.3	22.6	68.3	52.1	217.4	1.3
	1976	415.0	165.6	26.0	20.9	66.1	52.6	248.4	1.0
	1977	358.1	153.2	23.2	18.8	60.8	50.4	204.0	0.9
	1978	376.5	187.5	22.0	18.0	76.0	71.5	187.8	1.2
	1979	526.2	257.6	21.0	8.0	128.6	100.0	267.1	1.5
	1980	512.4	298.5	20.0	7.5	141.0	130.0	212.3	1.6
	1981	386.1	256.4	17.2	6.4	121.0	111.8	127.8	1.9
82 TIRE CORD & CORD FABRIC[e]	1975								
	1976								
	1977		INCLUDED IN TIRES (END USE 65)						
	1978								
	1979								
	1980								
	1981								

NOTES FOR EXPORT ITEMS ABOVE

a. For all lettered and general footnotes to this table, see page 224.

These exports do not duplicate the end use poundages that are reported in Items 1 through 79. Apparel items are not tabulated here because they already have been counted as the fabric was cut, i.e., they are counted only once regardless of the subsequent place of sale or consumer use.

Similarly, fabrics for blankets, sheets, upholstery & draperies, carpets, etc., are excluded since they are measured at the mill level as an end use.

The exports of man-made fiber filament yarn+monofilaments, staple, tow, etc., are not tabulated in this section because these products are not a factor in U.S. mill consumption.

On the other hand, the two export items are recorded because, while they were processed or fabricated in U.S. mills, they were exported before reaching the point at which end use is measured.

These data agree with the corresponding figures on page 45 of the March 1982 *Organon*, as revised.

80. YARN, THREAD, ETC., consists of sliver, tops & roving; plied, thrown and spun yarn; sewing thread and handwork yarns; cotton twine and cordage; and advanced wool.

81. WOVEN & KNIT FABRIC consists of broad & narrow woven fabrics and knit cloth, except that cotton also includes table damask and tire cord & fabric. See footnote 7 on page 45 of the March 1982 *Organon*.

82. TIRE CORD & CORD FABRIC. The data shown in this series in previous *Organon* issues have been incorporated into Item 65, Tires. See footnote 65 on page 226.

SUMMARY OF MAN-MADE FIBER & SEMIMANUFACTURED IMPORTS

MILLION POUNDS

ITEM	1975	1976	1977	1978	1979	1980	1981
CELLULOSIC FIBERS							
YARN	9.2	25.1	23.5	25.7	13.3	8.3	10.7
STAPLE	37.9	43.2	57.8	41.1	16.5	10.3	16.8
WASTE	0.1	0.4	0.6	0.4	0.8	0.3	0.5
NONCELLULOSIC FIBERS							
YARN - SINGLES							
NYLON - TEXTURED	8.7	14.1	14.0	4.6	1.0	3.2	3.8
- OTHER	10.1	22.0	34.2	25.0	6.1	3.6	4.0
POLYESTER - TEXTURED	14.0	8.4	26.1	6.1	1.1	0.3	0.8
- OTHER	6.1	6.6	12.7	12.7	7.6	6.7	5.4
OTHER - TEXTURED	5.7	5.1	1.1	0.7	0.1	0.2	0.5
- OTHER	8.3	6.2	2.9	1.2	1.3	1.4	1.6
MONOFILAMENTS	0.8	1.4	1.3	1.6	2.4	4.0	2.6
STRIPS, OVER $1/LB	0.1	0.2	0.2	0.3	0.4	0.2	0.2
SUBTOTAL ABOVE	**53.8**	**64.0**	**92.5**	**52.2**	**20.0**	**19.6**	**18.9**
STAPLE[a] - NYLON	19.8	14.6	9.0	7.3	3.1	2.7	25.7
- POLYESTER	7.5	15.2	5.2	8.2	3.1	1.5	7.0
- ACRYLIC	12.1	18.6	17.0	21.8	16.0	15.9	13.9
- OLEFIN	+	+	+	0.1	0.1	0.1	1.1
- OTHER	15.9	18.9	21.7	23.1	17.1	15.3	12.7
SUBTOTAL ABOVE	**55.3**	**67.3**	**52.9**	**60.5**	**39.4**	**35.5**	**60.4**
WASTE, NOT ADVANCED - NYLON	15.9	16.9	13.0	14.6	12.8	11.7	25.3
- POLYESTER	1.7	3.7	2.5	5.4	3.3	6.0	18.1
- ACRYLIC	4.5	5.5	3.6	3.3	2.4	2.4	2.9
- OTHER	2.3	3.3	3.2	1.5	1.6	1.0	3.0
NOILS & GARNETTED FIBERS	0.1	+	+	+	+	+	0.1
OTHER WASTE, ADVANCED	0.4	1.1	0.9	1.2	1.0	0.6	0.6
SUBTOTAL ABOVE	**24.9**	**30.5**	**23.2**	**26.0**	**21.1**	**21.7**	**50.0**
TOTAL FIBER ABOVE[b]	**181.2**	**230.5**	**250.5**	**205.9**	**111.1**	**95.7**	**157.3**
SEMIMANUFACTURES							
SILVER, TOPS & ROVING	3.1	2.9	4.8	7.6	6.7	2.8	3.7
YARNS, THROWN OR PLIED	3.7	3.8	3.5	4.2	2.6	2.2	4.8
SPUN YARNS	5.6	10.0	28.0	45.4	25.6	22.9	23.5
SEWING THREAD & HANDWORK YARN	2.1	2.5	3.5	2.5	2.6	2.3	2.8
WOVEN FABRICS	54.0	64.2	67.7	87.8	64.6	67.3	95.4
NARROW FABRICS	7.4	6.9	7.5	9.4	9.0	8.1	8.7
KNIT FABRIC	13.7	13.1	12.6	12.4	8.0	6.0	2.2
SUBTOTAL ABOVE	**89.6**	**103.4**	**127.6**	**169.3**	**119.1**	**111.6**	**141.1**
TEXTILE GLASS FIBER	8.9	14.3	22.0	21.8	10.3	7.3	18.2
TOTAL SEMIMANUF. ABOVE[c]	**98.5**	**117.7**	**149.6**	**191.1**	**129.4**	**118.9**	**159.3**
GRAND TOTAL ABOVE	**279.7**	**348.2**	**400.1**	**397.0**	**240.5**	**214.6**	**316.6**

a. Includes grouped filaments.

b. **SOURCE:** U.S. Bureau of the Census.

c. **SOURCE:** *Cotton and Wool Situation,* U.S. Department of Agriculture.

For imports of fiber, the data are taken from the monthly summaries in each *Organon.* A listing of the commodity numbers used may be found on page 233 of this issue under the monthly import table.

(Continued from page 214)

and goods-in-process inventories would be involved. For example, it is likely that some of the large increase in the Available Supply between 1976 and 1977 was absorbed in inventories at various stages of the production process. In a period when Available Supply falls sharply (1973-1974 and 1974-1975, for instance) the movement is reversed. In a period of slower activity, mills and manufacturers reduce their warehouse inventories and work-in-process to reflect the lower level of activity.

UNIT PRODUCTION VERSUS FIBER CONSUMED

This survey shows the poundage of raw fiber which had to be put into process in order to manufacture end products. No direct comparison can be, or should be, made between the poundages of the fibers consumed, as recorded in the survey, and the finished or "shelf" weight of those end products by fiber.

Two reasons for this disparity are:

(Continued on page 227)

GENERAL NOTES FOR THE END USE TABLES ON PAGES 216-222

Units are in million pounds.

c. Means less than 50,000 pounds, i.e., nominal.

– Means that little, or none, of the fiber is used.

* When an asterisk appears, there is a footnote at the end of the table.

• Means a significant revision in the 1975-1981 data series compared with the corresponding data shown in the November 1981 *Organon* issue. Earlier years' data on the new basis are not available.

a. This letter in the title of each table refers the reader to these notes.

b. Man-made fiber end use in these tables is divided between Cellulosic (rayon+acetate fibers) and Noncellulosic (nylon, polyester, acrylic, olefin, saran, spandex and textile glass fiber). Yarn includes monofilaments and olefin "yarn" also includes film fiber and spunbonded polypropylene. Staple includes tow & fiberfill; see Item 79a, Fiberfill, Stuffing & Flock and its footnote on page 226. All textile glass fiber is tabulated as yarn. Certain waste poundages, which are tabulated with staple, are included; see text on page 213.

The noncellulosic fibers included in this survey, for one or more years, are the acrylic, aramid, modacrylic, nylon, olefin (polyethylene & polypropylene), polyester, saran, spandex and vinyon fibers.

d. The staple data are tabulated in the yarn column.

e. The yarn data are tabulated in the staple column.

r. This datum shows a significant revision compared with the November 1981 *Organon* data.

When textile glass fiber is included in an end use, the word "Glass" appears in the lower left corner of the end use box, together with the annual consumption data for 1975-1981. These glass fiber poundages are included with noncellulosic yarn in that end use and in the section totals.

When silk, linen, jute, sisal, etc., are consumed in an end use, in addition to cotton, wool and the man-made fibers, the fiber is named in the middle left of the end use box. But no poundage data for such fibers are included in either such end use or in the section totals.

As described in the footnotes to Items 54a and 54b below, apparel linings, pockets and such are tabulated in Items 54a and 54b and not with the applicable garments.

In the Apparel table, the sex and age classifications used are those of the U.S. Census Bureau. Thus **M** means Men's plus Boys' and **W** means all other persons, i.e., Women's, Misses', Juniors', Girls', Children's & Infants'.

NOTES FOR APPAREL ITEMS (PAGES 216-217)[a]

a. For all lettered and general footnotes to this table, see notes above.

40. **SHEER HOSIERY (W)** includes full-fashioned & seamless full-length, pantyhose, knee-highs and surgical hosiery. Bodywear is in Items 35-39.

19 41. **ANKLETS & SOCKS (MW)** includes men's and women's foot socks, anklets and nonsheer knee-high hose. Also includes men's midcalf and surgical hose.

8 29. **SWEATERS (MW)** includes knitted sweater shirts, coats, jackets and related accessories. Also note Item 57.

57. **CRAFT & HANDWORK YARNS** includes yarn and thread for crocheting, darning, embroidery, mending, hand knitting, etc. The item does not include sewing thread (Item 72). Olefin yarn for macramé is in Miscellaneous Industrial.

16-18. **UNDERWEAR & NIGHTWEAR (M)** includes undershirts, shorts & briefs, sleep coats, pajamas, nightshirts, thermal underwear, etc.

35-39. **UNDERWEAR, NIGHTWEAR, BRAS AND FOUNDATIONS.** The underwear and nightwear component includes full and half-slips, panties, pettipants, camisoles, vests, briefs and thermal underwear as well as nightgowns, sleep & lounging pajamas, sleep coats, peignoir & robe sets with nightgowns or pajamas, negligees and bedjackets. Includes bodywear and all children's and infants' underwear & nightwear. **Excludes** the trim, elastic webbing, apparel lace, braid or narrow fabric used in these products.

The bras and foundations component includes bandeaux, corsets & girdles, combination & one-piece garments, garter belts, two-way stretch and surgical & maternity foundation garments.

10 31. **ROBES & LOUNGEWEAR (MW)** includes men's & boys' beach- & bathrobes, dressing gowns and smoking jackets; and women's beach- & bathrobes and housecoats.

54a. **HIGH PILE FABRICS** includes all applications (Apparel, Home Furnishings and Industrial). Apparel shell fabrics and "surface lining" garment items are included.

54b. **FABRICS FOR LINING** includes all man-made fiber types except high pile fabrics (Item 54a), lining-type fabrics sold as retail piece goods (see Item 55) and the lining components of shoes & slippers and luggage and handbags (Miscellaneous Other Consumer-Type). The apparel lining component of this series includes main linings, interlinings, zip-in linings (except pile), linings for pockets and waistbands as well as the acetate and nylon tricot used for laminating. Cotton drapery linings are not included here but are in Item 52. Also not included are interlinings of haircloth, urethane and nonwoven fabrics.

43. **APPAREL LACE** includes nets and veilings.

55. **RETAIL PIECE GOODS** are mainly women's apparel-type fabrics but all other types of apparel fabrics are included in addition to fabrics destined for apparel linings and home furnishings application.

56a. **NARROW FABRICS** includes **ELASTIC AND NONELASTIC TYPES.** The "narrow woven goods" made by slicing thermoplastic fiber broad woven fabrics with a hot knife to produce fused-edge narrow fabrics are not included here. **NARROW FABRIC** poundages for home furnishings and industrial uses are shown in those sections.

TOPWEIGHT FABRICS includes all shirts, blouses, lightweight dress and other lightweight fabrics. The fabrics generally weigh 5.0 ounces or less per square yard. Retail piece goods are in Item 55.

BOTTOMWEIGHT FABRICS includes pants, sportswear, tailored clothing, career apparel and other heavier weight fabrics. The fabrics generally weigh more than 5.0 ounces per square yard. Retail piece goods are in Item 55.

OTHER APPAREL includes men's & women's work gloves and handkerchiefs. Man-made fiber used for knitted accessories such as scarves, mufflers, gloves, caps, etc., is in Items 8 & 29.

NOTES FOR HOME FURNISHING ITEMS (PAGES 218-219)[a]

a. For all lettered and general footnotes to this table, see page 224.

HOME FURNISHINGS. These data cover the use of each item not only in homes, but also in offices, hotels, institutions, etc. For certain transportation uses, note Items 50a, 63 & 64.

None of the poundages tabulated include any cotton stuffing or filling materials in items such as furniture, pillows, mattresses, comforters & quilts, sleeping bags, seat padding, etc. For the man-made fibers, however, stuffing & fiberfill is tabulated in the Industrial section. Note text page 213 regarding the inclusion of certain man-made fiber waste poundages here. Certain felt poundages are[e] in Item 70.

45. BEDSPREADS includes tailored & throw spreads, both tufted & woven, as well as the backing. **QUILTS** includes comforters and their outer shell; quilted pads are in Item 47.

46. BLANKETS & BLANKETING includes woven, knitted, needle-punched and flocked full-size and crib blankets and electric blanket shells, as well as the woven acetate or nylon filament yarn bindings thereof. Sizable poundages of rayon, acrylic, nylon & wool waste are included here.

47. SHEETS includes pillowcases. **OTHER BEDDING** includes the outside cover of quilted pads, mattress pads, mattresses & innersprings, civilian cots and sleeping bags. Mattress felts are in Item 70. The man-made staple poundages here are mainly polyester for sheets and rayon & polyester for bed ticking. The man-made filament is chiefly polyester for bed ticking.

48. TOWELS & TOWELING includes woven hand, bath, dish towels, etc. Nonwoven towels, such as "Handi-wipes" and industrial wiping cloths, are in Item 61. The large cotton waste poundage used in these products is not included.

56b. NARROW FABRICS includes only home furnishings applications. See the Apparel and Industrial sections for Narrow Fabrics in those applications.

50. CARPETS & RUGS (TOTAL) is the sum of 50a & 50b.

50a. FACE YARNS. The data include tufted, woven, knitted and needle-punched types. Tufted includes broadloom & roll goods, transportation carpeting, scatter rugs, bath mats and "grass." Woven includes carpets such as Axminster, Velvet, Wilton, etc. Knit goods are mainly scatter rugs. Needle-punched are the indoor-outdoor carpets. Item 50a does not include braided, hooked or woven twisted paper carpets.

By-fiber detail on the poundage of fibers used in carpet face yarns is given in the table below.

50b. CARPET BACKING FIBERS. The Cellulosic Yarn is industrial rayon used for woven carpet chain warps. The Other Yarn is olefin (monofil+film fiber+spunbonded) and small poundages of nylon & polyester filament yarn. The Other Staple is olefin only.

The substantial poundages of jute used as woven primary & secondary carpet backing, as well as the jute yarn used in the warp of woven carpets, are not tabulated in Item 50b. Nor does it include the poundages of wool, hair and jute used in carpet and rug pads and cushions.

51. CURTAINS includes lace and other types (principally woven), i.e., cafe, tiered & cottage; ruffled; shortie drapes and tailored. Shower curtains are in Other Home Furnishings.

52. DRAPERY & UPHOLSTERY includes furniture slipcovers and vinyl-coated cotton fabrics for upholstery.The olefin & saran webbing for outdoor furniture is included under Narrow Woven Industrial (Item 56c). Also includes the backing & headers of drapery fabrics. The cotton data include cotton drapery linings.

OTHER HOME FURNISHINGS includes woven & lace napery, such as tablecloths & napkins, doilies, etc., as well as the cotton in window shades. For the man-made fibers, it includes insect screening & netting. Wall-covering fabric is in Miscellaneous Industrial.

ITEM 50A. ANALYSIS OF FACE YARNS BY CARPET TYPE & BY FIBER

MILLION POUNDS

	1975	1976	1977	1978	1979	1980	1981
FILAMENT YARN BCF (Bulked Continuous Filament)							
NYLON	517.8	511.9	617.8	677.8	732.5	714.5	633.6
OLEFIN, INCL. FILM FIBER	60.1	65.8	67.0	78.9	85.3	89.5	89.5
TOTAL BCF	**577.9**	**577.7**	**684.8**	**756.7**	**817.8**	**804.0**	**723.1**
STAPLE & WASTE (Spun Yarn)							
RAYON	1.7	1.8	1.0	0.9	0.6	0.2	0.7
NONCELLULOSIC							
ACRYLIC+MODACRYLIC	86.8	91.5	76.7	63.6	49.6	33.5	26.6
NYLON	548.4	658.3	761.1	848.4	881.0	661.7	644.4
POLYESTER	148.1	209.1	213.5	208.1	203.9	132.1	133.1
OLEFIN	34.9	33.2	43.6	44.0	41.5	41.2	39.2
TOTAL NONCELLULOSIC	**818.2**	**992.1**	**1094.9**	**1164.1**	**1176.0**	**868.5**	**843.3**
COTTON	3.5	3.3	2.9	3.2	3.7	3.1	2.6
WOOL	16.6	15.5	12.8	13.2	10.9	10.4	11.5
GRAND TOTAL	**1417.7**	**1590.4**	**1796.4**	**1938.1**	**2009.0**	**1686.2**	**1581.2**

NOTES FOR INDUSTRIAL & OTHER CONSUMER-TYPE ITEMS (PAGES 220-221)[a]

a. For all lettered and general footnotes to this table, see page 224.

56c. NARROW FABRICS here includes woven labels, industrial webbing, shoelaces, tapes (venetian blinds & industrial), transportation seat belts, auto windlace, channeling & trim, and outdoor furniture webs. These figures exclude transmission & conveyor belting (in Item 67); friction tape and the braided narrow fabric used in electrical applications (in Item 69); and gummed cotton tape (in Item 76).

61. MEDICAL, SURGICAL & SANITARY includes bandages, gauzes, adhesive tapes & plasters, sanitary napkins & tampons, cotton diapers, rayon disposable diapers, surgical gowns and packs. Medical sutures are tabulated in Item 72. Surgical hosiery is in Items 19 & 40. Not included here is cotton waste & linters nor any nontextiles used for filling materials.

63 & 64. TRANSPORTATION FABRIC includes auto seat upholstery & slipcovers, sidewall, headlining (except textile glass in Item 77) and sheeting. The cotton poundages include the knit and woven fabric used as the backing for vinyl sheeting. The item includes convertible auto tops & replacements thereof, as well as upholstery used in other kinds of transportation, such as airplanes, railroad & subway cars, buses, etc. It does not include seat padding, transportation rugs (in Item 50), window channeling (in Item 56c), flocking, tassels, trim, etc., or the textile glass fiber used in reinforced plastic seating for subways, buses, etc. (in Item 77). Starting in 1978, the man-made fiber used for substrates for automotive fabric is included in Item 75.

65. TIRES includes all types, i.e., automobile, truck, tractor, off-road, bicycle, etc. The data include tire cord & tire cord fabric, chafer and other tire components, i.e., flipper fabric, breaker strips, bead wraps, etc.

The data include imports of tire yarn, cord & fabric and also cover any poundages subsequently exported in cord or fabric form. The glass figures represent uncoated yarns.

The consumption of steel tire cord for the years 1975-1981 inclusive is estimated as follows: 117.5, 140.0, 182.0, 182.0, 180.0, 142.0 & 154.3. However, these poundages are **not included** in Item 65 above.

66. HOSE includes fire, chemical, fuel, etc. Does not include braided vacuum cleaner hose.

67. BELTING includes flat conveyor & transmission belts (both rubberized and nonrubberized) and V-belts.

69 & 77. ELECTRICAL APPLICATIONS & REINFORCED PLASTICS. The cotton poundages are estimated.

Electrical Applications includes electric wire insulation & covering of all kinds plus friction tape and cable wrap, stuffing & identification. The total fiber consumed does not reflect the increased use of plastic and other nonfibrous coatings, of course.

Reinforced Plastics means high- and low-pressure laminates used in the manufacture of construction materials (corrugated & flat sheet, plumbing accessories, etc.), process equipment (tanks & containers, pipes, ducts, etc.), transportation uses (aircraft, autos, trucks, etc.), and marine, missiles, molded electrical parts, housing, seating, trays, etc. Flexible laminates of cotton are tabulated by end use, e.g., vinyl-supported upholstery fabric in Item 63, etc.

70. FELTS includes wet & dry papermakers' felts, mattress felts and cushioning & wicking felts. Apparel felts (e.g., for shirts) are classified by apparel products. Patio and similar "felts" are in Item 50a. Laundry press pads and flatwork ironer pads are in Miscellaneous Industrial. The wool poundage includes some felts used in filtration (recorded here and not in Item 71), but excludes the substantial amounts used in pressed felts.

71. FILTRATION includes woven and nonwoven filters for wet & dry filtration, including tea bags. The small wool poundage used in the copper refining industry is included in Item 70.

The fiber used in cigarette filtration is **not included** in this end use or in the Industrial Uses totals.

72. SEWING THREAD includes home sewing and industrial & weight goods, as well as medical sutures.

73. ROPE (braided & twisted), **CORDAGE** (under 3/16"), **FISHLINE, ETC.**, includes hawsers, baler or harvest twine, clothesline, tying twine, etc., as well as fishnets, seines & netting twine.

74. BAGS & BAGGING. The man-made Other Yarn is nylon mailbags plus olefin leno mesh & close-woven bags, including sandbags; also includes olefin bagging for wool bales. Carpet backing bale wrap is in Other Industrial.

75. COATED & PROTECTIVE FABRICS includes, for the man-made fibers, tents & tarpaulins, as well as the substrates for vinyl, rubber or urethane coating, lamination or impregnation. Examples of specific end uses covered include parachutes, deceleration chutes & tow targets; awnings; beach, garden & tractor umbrellas; inflatable dunnage & cushions; air-supported structures & automotive air-spring diaphragms and boat & pool covers.

The cotton poundages include awnings, boat covers, tarpaulins and tents. **Not included** here are the cotton poundages used for vinyl substrates; such poundages are tabulated with their appropriate end use, i.e., transportation upholstery (Items 63 & 64), upholstery (Item 52), etc. Man-made fiber surfaces for recreational fields are not included in this survey.

76. PAPER & TAPE REINFORCING includes gummed and pressure-sensitive tape, as well as nonwoven bonded structures for paper, tape and ribbon reinforcing.

79a. FIBERFILL, STUFFING & FLOCK includes all applications (apparel, home furnishings & industrial). Both graded fiber and waste are included. The consumption of polyester staple & tow in fiberfill for the years 1975-1981 inclusive was: 138.7, 153.1, 176.9, 199.2, 240.8, 206.1 & 228.3. For the same years, use of polyester waste for stuffing and filling materials was: 42.3, 54.6, 59.1, 41.5, 45.4, 24.0 & 20.7.

79b. UNALLOCATED NONWOVENS means all nonwoven poundages remaining after the identifiable nonwoven end uses, such as medical, surgical & sanitary; filtration; coated & protective fabrics; and paper & tape reinforcing, have been calculated.

MISCELLANEOUS INDUSTRIAL & OTHER CONSUMER-TYPE PRODUCTS includes the cotton for abrasives; book binding; luggage & handbags; shoes & slippers; tobacco cloth; woven wiping cloths and wall-covering fabrics. For rayon, it includes asbestos carrier fiber, laundry supplies and mop yarns. For olefin yarn, it includes agricultural cloth, bale wrap, cable binding, civil engineering fabrics and macramé and other craft yarns.

Also included under Other Yarn are the substantial poundages of textile glass fiber not allocated elsewhere, particularly the poundages used in the manufacture of roofing shingles, built up roofing and wallboard & plaster.

For data corrections, see errata insert.

U.S. EXPORTS OF MAN-MADE FIBERS

THOUSAND POUNDS

ITEM	COMMODITY NUMBER AS OF 1/1/78	1981 1ST Q	1981 2ND Q	1981 3RD Q	1981 4TH Q	1981 YEAR	1982 1ST Q	1982 2ND Q	1982 3RD Q	1982 4TH Q	1982 YEAR
CELLULOSIC FIBERS											
FILAMENT YARN[a]											
TEXTURED	310.0006	93	75	72	117	357	132	72	166		
OTHER[b]	310.0026	8191	5829	4286	5608	23914	7194	4450	13106		
MONOFILAMENTS	309.0110	47	30	9	4	90	2	9	3		
STRIPS	309.2210	66	79	95	106	346	66	5	98		
SUBTOTAL ABOVE		**8397**	**6013**	**4462**	**5835**	**24707**	**7394**	**4536**	**13373**		
STAPLE+TOW - RAYON	309.4222	12222	14234	14369	14331	55156	13772	14001	30677		
STAPLE - ACETATE	309.4219	3692	2046	608	658	7004	919	931	1470		
SUBTOTAL ABOVE		**15914**	**16280**	**14977**	**14989**	**62160**	**14691**	**14932**	**32147**		
WASTE, ADVANCED & NOT ADVANCED	309.7400	693	795	416	895	2799	1007	1262	1392		
NONCELLULOSIC FIBERS											
FILAMENT YARN[a]											
NYLON - TEXTURED	310.0008 & .0009	21787	17478	17656	12679	69600	9779	9643	20800		
HIGH TENACITY[c]	310.0027	18138	17544	11095	10623	57400	13520	12582	23676		
OTHER	310.0029	5461	4325	6280	3358	19424	3785	3340	5586		
POLYESTER - TEXTURED	310.0010	48758	58681	65307	63406	236152	63471	71864	89500		
HIGH TENACITY[c]	310.0032	4870	5364	6299	6907	23440	5134	3747	7860		
OTHER[d]	310.0034	2580	3063	3117	3199	11759	2902	4506	4513		
OTHER - TEXTURED	310.0014	4174	3082	2346	2149	11751	3235	2847	7352		
OLEFIN	310.0040	791	519	858	505	2605	224	447	390		
OTHER	310.0044	1566	1452	1183	1030	5251	1571	1327	1879		
MONOFILAMENTS, ALL DENIERS											
NYLON	309.0120	2387	1935	1879	1585	7786	1142	1119	1837		
POLYESTER[e]	309.0140	2816	1767	1362	1218	7163	1919	700	2984		
OTHER	309.0170	1289	1314	1614	2343	6560	2085	2025	3965		
STRIPS	309.2220 & .2270	1366	1530	739	920	4555	799	634	1419		
SUBTOTAL ABOVE		**115733**	**118054**	**119715**	**109922**	**463424**	**109366**	**114781**	**171761**		
STAPLE - NYLON	309.4240	9443	7030	5848	5235	27556	4018	3694	7477		
POLYESTER	309.4242	108893	138242	144558	130988	522681	90356	30164	122730		
ACRYLIC	309.4245	41711	40137	39084	35729	156661	32810	31987	64395		
OLEFIN	309.4246	664	451	270	393	1758	522	948	3190		
OTHER	309.4247	5015	5800	3637	3581	18033	4395	4436	7208		
GROUPED FILAMENTS											
NYLON	309.3220	1724	765	746	1328	4561	1539	1313	2715		
POLYESTER[d]	309.3240	9508	6706	3802	6761	26777	9528	6684	16308		
ACRYLIC	309.3250 & .3255	10076	8360	7144	7075	32655	5472	6565	11640		
SUBTOTAL ABOVE		**187034**	**207469**	**205089**	**191090**	**790682**	**148640**	**85589**	**235661**		
WASTE, ADVANCED & NOT ADVANCED											
NYLON	309.7620	3470	4141	3302	3025	13938	3542	2759	4853		
POLYESTER	309.7650	11606	13086	12419	17006	54117	17204	14920	25485		
ACRYLIC	309.7640	1874	1531	573	817	4795	574	651	802		
OTHER	309.7660	8718	9163	8717	7817	34415	7146	5564	11085		
SUBTOTAL ABOVE		**25668**	**27921**	**25011**	**28665**	**107265**	**28466**	**23894**	**42205**		
TOTAL MAN-MADE FIBER ABOVE		**353439**	**376532**	**369670**	**351396**	**1451037**	**309564**	**244994**	**496539**		
TEXTILE GLASS FIBER	309.2700 & .9700	10180	8611	8553	11590	38934	11318	11981	22564		
GRAND TOTAL ABOVE		**363619**	**385143**	**378223**	**362986**	**1489971**	**320882**	**256975**	**519103**		

SOURCE: U.S. Census Bureau.

a. Includes thrown, singles and plied yarn.
b. Includes an undetermined amount of rayon tire cord and cord fabric.
c. Includes an undetermined amount of noncellulosic tire cord and cord fabric.
d. Includes zero twist yarns.
e. These data are obviously incorrect because of misclassification. Most of these poundages should be included with filament yarn.

(Continued from page 223)

1. The variation in the weight per square yard of fabric made of the different fibers for the same end use. According to recent data collected by the U.S. Census Bureau, cotton fabrics averaged 7.0 square yards per pound and wool 0.6 square yards per pound. But for man-made fiber, 100% filament yarn fabrics averaged 4.4 square yards per pound and spun yarn fabrics averaged 3.3 square yards per pound.

2. From these data, it is apparent that the "covering power" of fabrics made from the various fibers varies greatly. Hence, a simple comparison of poundages of fibers consumed would be misleading both because of the differences in fibers concerning covering power and the difference in typical fabric weights of products made of the various fibers, as described.

SUMMARY OF QUARTERLY MAN-MADE FIBER DATA

MILLION POUNDS & *PERCENT*

ITEM	1982 3RD Q	1982 2ND Q	%	1981 3RD Q	%
			YARN+MONOFILAMENTS		
ACETATE					
PRODUCTION	46.1	53.0	-13.0	65.8	-29.9
SHIPMENTS DOMESTIC	39.5	47.1	-16.1	57.6	-31.4
EXPORT	8.5	6.2	+37.1	7.7	+10.4
TOTAL	48.0	53.3	-10.0	65.3	-26.5
ENDING STOCK	11.3	13.2	-14.4	12.6	-10.3
NYLON+ARAMID					
PRODUCTION	312.2	309.0	+1.0	403.9	-22.7
SHIPMENTS DOMESTIC	292.8	296.5	-1.3	340.4	-14.0
EXPORT	26.0	23.8	+9.2	29.9	-13.1
TOTAL	318.8	320.3	-0.5	370.3	-13.9
ENDING STOCK	125.9	132.5	-5.0	158.9	-20.8
OLEFIN					
PRODUCTION	142.6	146.9	-2.9	163.5	-12.8
SHIPMENTS DOMESTIC	144.5	145.0	-0.1	155.0	-6.8
EXPORT	3.1	3.5	-6.1	4.6	-32.6
TOTAL	147.6	148.5	-0.1	159.6	-7.5
ENDING STOCK	58.1	63.1	-7.9	66.2	-12.2
POLYESTER					
PRODUCTION	280.5	318.1	-11.8	403.9	-30.6
SHIPMENTS DOMESTIC	267.0	292.5	-8.7	364.8	-26.8
EXPORT	19.2	35.8	-46.4	34.1	-43.7
TOTAL	286.2	328.3	-12.8	398.9	-28.3
ENDING STOCK	106.5	112.2	-5.1	109.3	-2.6
TOTAL NONCELLULOSIC ABOVE					
PRODUCTION	735.3	774.0	-5.0	971.3	-24.3
SHIPMENTS DOMESTIC	704.3	734.0	-4.1	860.2	-18.1
EXPORT	48.3	62.9	-23.2	68.6	-29.6
TOTAL	752.6	796.9	-5.6	928.8	-19.0
ENDING STOCK	290.5	307.8	-5.6	334.4	-13.1
DOMESTIC SHIPMENTS	704.3	734.0	-4.1	860.2	-18.1
IMPORTS TEXTURED YARN	3.7	3.1	+19.4	2.1	+76.2
OTHER YARN	4.1	2.6	+57.7	3.5	+24.2
MONOFILAMENTS	0.4	0.4	-	0.9	-55.6
TOTAL IMPORTS	8.2	6.1	+34.4	6.5	+30.2
TOTAL AVAILABLE	712.5	740.1	-3.7	866.5	-17.8
			TEXTILE GLASS FIBER		
PRODUCTION	241.0	209.8	+14.9	280.6	-14.1
SHIPMENTS DOMESTIC	227.8	214.8	+6.1	239.0	-4.7
EXPORT	11.2	10.3	+8.7	8.5	+31.8
TOTAL	239.0	225.1	+6.2	247.5	-3.4
ENDING STOCK	138.5	136.5	+1.5	121.0	+14.5
IMPORTS	3.7	3.2	+15.6	7.4	-50.0
TOTAL AVAILABLE	251.5	218.0	+6.2	246.4	-6.1

LIMITATIONS OF THE SURVEY RESULTS

The statistical results of an end use survey can be only approximations at best. But when the data are viewed as one fiber relative to another, and not as absolute values, then they may be regarded as measuring the long-term trend results of competition between the fibers.

An additional note, the data are given in millions of pounds and include one decimal place to show hundred thousand pounds. This device is employed not to show great accuracy, but rather to take into account some small poundages of fibers in such end uses as Apparel Lace (Item 43) and still allow the compilation to add arithmetically.

OCTOBER *Organon* CORRECTION

On page 197 of the October *Organon*, the 6-month 1982 wool manufactures import figure should be 51,332, not 21,759. Thus, the import balance should be 44,792, not 15,219.

SUMMARY OF QUARTERLY MAN-MADE FIBER DATA *(Continued)*

MILLION POUNDS & *PERCENT*

ITEM	1982 3RD Q	1982 2ND Q	%	1981 3RD Q	%
			STAPLE+TOW		
RAYON					
PRODUCTION	87.8	86.7	+1.3	118.5	-25.9
SHIPMENTS - DOMESTIC	72.1	69.8	+3.3	100.7	-28.4
EXPORT	15.3	16.8	-8.9	14.2	+7.7
TOTAL	87.4	86.6	+0.9	114.9	-23.9
ENDING STOCK	36.8	36.4	+1.1	27.3	+34.8
DOMESTIC SHIPMENTS	72.1	69.8	+3.3	100.7	-28.4
IMPORTS FOR CONSUMPTION					
STAPLE	3.7	2.4	+54.2	3.9	-5.1
GROUPED FILAMENTS	0.4	0.4	-	0.6	-33.3
TOTAL IMPORTS	4.1	2.8	+46.4	4.5	-8.9
TOTAL AVAILABLE	76.2	72.6	+5.0	105.2	-27.6
NYLON+ARAMID					
PRODUCTION	191.1	169.3	+12.9	183.8	+4.0
SHIPMENTS - DOMESTIC	185.8	170.8	+8.8	155.4	+19.6
EXPORT	3.1	4.2	-26.2	4.5	-31.1
TOTAL	188.9	175.0	+7.9	159.9	+18.1
ENDING STOCK	55.8	53.6	+4.1	72.4	-22.9
IMPORTS	5.0	0.7	+614.3	9.3	-46.2
TOTAL AVAILABLE	190.8	171.5	+11.3	164.7	+15.8
ACRYLIC+MODACRYLIC					
PRODUCTION	158.5	171.1	-7.4	166.8	-5.0
SHIPMENTS - DOMESTIC	113.6	127.9	-11.2	123.5	-8.0
EXPORT	42.7	41.5	+2.9	42.5	+0.5
TOTAL	156.3	169.4	-7.7	166.0	-5.9
ENDING STOCK	64.1	61.9	+3.6	64.6	-0.8
IMPORTS	1.7	1.3	+30.8	2.0	-15.0
TOTAL AVAILABLE	115.3	129.2	-10.8	125.5	-8.1
OLEFIN+VINYON					
PRODUCTION	37.6	30.8	+22.1	37.1	+1.3
SHIPMENTS - DOMESTIC	36.4	39.9	-8.8	32.2	+13.0
EXPORT	1.6	0.6	+166.7	0.4	+300.0
TOTAL	38.0	40.5	-6.2	32.6	+16.6
ENDING STOCK	21.5	21.9	-1.8	20.0	+7.5
POLYESTER					
PRODUCTION	447.4	459.6	-2.7	663.6	-32.6
SHIPMENTS - DOMESTIC	428.9	445.3	-3.7	507.5	-15.5
EXPORT	25.8	28.3	-8.8	161.6	-84.0
TOTAL	454.7	473.6	-4.0	669.1	-32.1
ENDING STOCK	167.9	175.2	-4.2	179.6	-6.5
IMPORTS	1.8	1.7	+5.9	1.8	-
TOTAL AVAILABLE	430.7	447.0	-3.7	509.3	-15.4
TOTAL NONCELLULOSIC					
PRODUCTION	854.6	830.8	+0.5	1051.3	-20.6
SHIPMENTS - DOMESTIC	764.7	783.9	-2.5	818.6	-6.6
EXPORT	73.2	74.6	-1.9	209.0	-65.0
TOTAL	837.9	858.5	-2.4	1027.6	-18.5
ENDING STOCK	309.3	312.6	-1.1	336.6	-8.1
DOMESTIC SHIPMENTS	764.7	783.9	-2.5	818.6	-6.6
IMPORTS FOR CONSUMPTION					
3 FIBERS ABOVE	8.5	3.6	+136.1	13.1	-35.1
OTHER N.C. STAPLE	4.0	3.8	+5.3	4.0	-
GROUPED FILAMENTS	2.9	3.1	-6.5	2.1	+38.1
TOTAL IMPORTS	15.4	10.5	+46.7	19.2	-19.8
TOTAL AVAILABLE	780.1	794.4	-1.8	857.8	-6.9

QUARTERLY MAN-MADE FIBER DATA

MILLION POUNDS

ITEM	1980					1981					1982				
	1ST Q	2ND Q	3RD Q	4TH Q	YEAR	1ST Q	2ND Q	3RD Q	4TH Q	YEAR	1ST Q	2ND Q	3RD Q	4TH Q	YEAR
YARN+MONOFILAMENTS[a]															
ACETATE															
PRODUCTION	80.0	82.1	77.5	68.9	308.5	61.4	76.0	65.8	54.8	257.0	52.9	53.0	46.1		
SHIPMENTS - DOMESTIC	72.9	71.9	64.7	59.7	269.2	53.4	69.9	57.6	45.4	226.3	44.9	47.1	39.5		
EXPORT	7.8	8.7	7.7	8.5	32.7	10.6	8.8	7.7	7.7	34.8	8.8	6.2	8.5		
TOTAL	80.7	80.6	72.4	68.2	301.9	64.0	78.7	65.3	53.1	261.1	53.7	53.3	48.0		
ENDING STOCK	11.1	12.6	17.7	18.4		15.8	12.1	12.6	14.3		13.5	13.2	11.3		
NYLON+ARAMID															
PRODUCTION	455.1	398.3	331.9	447.8	1631.1	435.1	428.0	403.9	313.7	1580.7	299.9	309.0	312.2		
SHIPMENTS - DOMESTIC	416.0	350.9	347.7	424.3	1538.9	380.5	386.1	340.4	297.3	1404.3	281.6	296.5	292.8		
EXPORT	35.2	34.0	38.8	40.0	148.0	40.3	35.5	29.9	23.0	128.7	26.8	23.8	26.0		
TOTAL	451.2	384.9	386.5	464.3	1686.9	420.8	421.6	370.3	320.3	1533.0	308.4	320.3	318.8		
ENDING STOCK	162.3	175.7	121.1	104.6		118.9	125.3	158.9	152.3		143.8	132.5	125.9		
OLEFIN[b]															
PRODUCTION	168.1	152.8	146.8	164.5	632.2	163.9	165.0	163.5	150.5	642.9	154.3	146.9	142.6		
SHIPMENTS - DOMESTIC	156.9	143.9	147.3	163.6	611.7	164.3	158.6	155.0	150.4	628.3	146.8	145.0	144.5		
EXPORT	6.2	5.3	4.4	4.8	20.7	4.9	5.7	4.6	4.6	19.8	4.7	3.3	3.1		
TOTAL	163.1	149.2	151.7	168.4	632.4	169.2	164.3	159.6	155.0	648.1	151.5	148.3	147.6		
ENDING STOCK	72.1	75.7	70.8	66.9		61.6	62.3	66.2	61.7		64.5	63.1	58.1		
POLYESTER															
PRODUCTION	396.2	338.7	357.9	389.2	1462.0	378.7	416.6	403.9	370.0	1569.2	331.5	318.1	280.5		
SHIPMENTS - DOMESTIC	369.2	310.7	320.4	363.1	1363.4	354.1	392.5	364.8	318.6	1430.0	297.2	292.5	267.0		
EXPORT	34.4	41.0	28.6	29.1	133.1	30.5	31.9	34.1	37.7	134.0	34.9	35.8	19.2		
TOTAL	403.6	351.7	349.0	392.2	1496.5	384.4	424.4	398.9	356.3	1564.0	332.1	328.3	286.2		
ENDING STOCK	144.9	131.9	120.8	117.8		112.1	104.3	109.3	123.0		122.4	112.2	106.5		
TOTAL NON-CELLULOSIC ABOVE															
PRODUCTION	1017.4	889.8	816.6	1001.5	3725.3	977.7	1009.6	971.3	834.2	3792.8	785.7	774.0	735.3		
SHIPMENTS - DOMESTIC	942.1	805.5	815.4	951.0	3514.0	898.9	937.2	860.2	766.3	3462.6	725.6	734.0	704.3		
EXPORT	75.8	80.3	71.8	73.9	301.8	75.5	73.1	68.6	65.3	282.5	66.4	62.9	48.3		
TOTAL	1017.9	885.8	887.2	1024.9	3815.8	974.4	1010.3	928.8	831.6	3745.1	792.0	796.9	752.6		
ENDING STOCK	379.3	383.3	312.7	289.3		292.6	291.9	334.4	337.0		330.7	307.8	290.5		
DOMESTIC SHIPMENTS	942.1	805.5	815.4	951.0	3514.0	898.9	937.2	860.2	766.3	3462.6	725.6	734.0	704.3		
IMPORTS - TEXTURED YARN[c]	0.6	0.9	1.9	1.7	5.1	1.4	2.7	2.1	2.2	8.4	2.0	3.1	3.7		
OTHER YARN[c]	3.1	3.7	3.0	2.3	12.1	2.2	3.1	3.3	2.8	11.4	2.8	2.6	4.1		
MONOFILAMENTS	1.4	1.3	0.8	0.5	4.0	0.5	0.8	0.9	0.4	2.6	0.4	0.4	0.4		
TOTAL IMPORTS	5.1	5.9	5.7	4.5	21.2	4.1	6.6	6.3	5.4	22.4	5.2	6.1	8.2		
TOTAL AVAILABLE	947.2	811.4	821.1	955.5	3535.2	903.0	943.8	866.5	771.7	3485.0	730.8	740.1	712.5		
TEXTILE GLASS FIBER															
PRODUCTION	242.3	224.0	185.3	217.7	867.3	257.1	260.2	280.6	263.2	1041.1	207.6	209.8	241.0		
SHIPMENTS - DOMESTIC	249.7	181.2	182.4	253.8	867.1	222.4	273.8	239.0	228.6	963.8	190.5	214.8	227.8		
EXPORT	15.2	13.8	10.1	9.5	48.6	9.8	7.5	8.5	9.4	35.2	11.5	10.3	11.2		
TOTAL	264.9	195.0	192.5	263.3	915.7	232.2	281.3	247.5	238.0	999.0	202.0	225.1	239.0		
ENDING STOCK	129.9	158.9	149.7	104.1		109.0	87.9	121.0	146.2		151.8	136.5	138.5		
IMPORTS	2.0	2.0	1.7	1.6	7.3	2.6	2.7	7.4	5.5	18.2	3.8	3.2	3.7		
TOTAL AVAILABLE	251.7	183.2	184.1	255.4	874.4	225.0	276.5	246.4	234.1	982.0	194.3	218.0	231.5		

FOOTNOTES FOR TABLE ABOVE & OPPOSITE

"Imports" are imports for consumption, as reported by the U.S. Census Bureau.

a. Data for rayon and "Other" non-cellulosic yarns (chiefly saran & spandex) are available annually only; see pages 20 & 21 of the February issue for further details on these yarns.

b. Olefin Yarn+Monofilament data also include film fiber as well as spunbonded polypropylene.

c. Yarn imports include singles and plied.

d. Acetate staple+tow data are available annually only; see pages 20 & 21 of the February issue for further details.

e. These figures are composites of the nylon, acrylic+modacrylic, polyester and olefin staple imports, i.e., Commodity Numbers 309.4338, .4342, .4345 & .4346.

QUARTERLY MAN-MADE FIBER DATA *(Continued)*

MILLION POUNDS

ITEM	1980					1981					1982				
	1ST Q	2ND Q	3RD Q	4TH Q	YEAR	1ST Q	2ND Q	3RD Q	4TH Q	YEAR	1ST Q	2ND Q	3RD Q	4TH Q	YEAR
								STAPLE+TOW[d]							
RAYON															
PRODUCTION	126.9	113.4	101.0	102.0	443.3	116.5	114.1	118.5	111.7	460.6	96.2	86.7	87.8		
SHIPMENTS · DOMESTIC	114.2	92.6	87.3	96.6	390.7	100.2	104.5	100.7	91.5	396.9	77.6	69.8	72.1		
EXPORT	14.0	17.8	16.2	13.0	61.0	14.0	15.2	14.2	16.4	59.8	13.4	16.8	15.5		
TOTAL	128.2	110.4	103.5	109.6	451.7	114.2	119.7	114.9	107.9	456.7	91.0	86.6	87.4		
ENDING STOCK	34.5	37.5	34.8	27.2		29.5	23.7	27.5	31.1		36.5	36.4	36.8		
DOMESTIC SHIPMENTS	114.2	92.6	87.3	96.6	390.7	100.2	104.5	100.7	91.5	396.9	77.6	69.8	72.1		
IMPORTS FOR CONSUMPTION															
STAPLE	1.4	1.3	2.4	2.9	8.0	5.6	5.3	5.9	5.8	14.6	5.5	2.4	5.7		
GROUPED FILAMENTS	0.7	0.7	0.3	0.6	2.3	0.4	0.7	0.6	0.5	2.2	0.5	0.4	0.4		
TOTAL IMPORTS	2.1	2.0	2.7	3.5	10.3	6.0	6.0	6.5	6.3	16.8	5.8	2.8	6.1		
TOTAL AVAILABLE	116.3	94.6	90.0	100.1	401.0	106.2	108.5	105.2	95.8	413.7	81.4	72.6	76.2		
NYLON+ARAMID															
PRODUCTION	214.0	128.5	161.2	223.1	726.6	214.9	235.2	183.8	117.9	751.8	140.5	169.5	191.1		
SHIPMENTS · DOMESTIC	171.9	135.2	187.6	218.5	711.2	204.8	215.9	155.4	120.3	696.4	141.9	170.8	185.8		
EXPORT	8.8	6.1	7.7	9.3	31.9	7.5	8.1	4.5	5.2	25.1	4.1	4.2	5.1		
TOTAL	180.7	139.3	195.3	227.8	743.1	212.1	224.0	159.9	125.5	721.5	146.0	175.0	188.9		
ENDING STOCK	84.5	73.5	59.2	54.5		57.5	68.5	72.4	64.8		59.5	53.6	55.8		
IMPORTS	0.5	0.5	0.3	0.6	1.7	4.9	6.6	9.5	2.8	25.6	1.0	0.7	5.0		
TOTAL AVAILABLE	172.2	133.7	187.9	219.1	712.9	209.7	222.5	164.7	123.1	720.0	142.9	171.5	190.8		
ACRYLIC+MODACRYLIC															
PRODUCTION	206.4	197.7	182.1	193.0	779.2	190.8	176.8	166.8	156.4	690.8	149.6	171.1	158.5		
SHIPMENTS · DOMESTIC	161.6	155.7	124.9	143.1	585.3	150.2	137.0	123.5	103.4	494.1	108.1	127.9	115.6		
EXPORT	50.6	43.9	47.1	44.2	185.8	55.1	50.5	42.5	52.5	200.4	46.4	41.5	42.7		
TOTAL	212.2	199.6	172.0	187.3	771.1	185.3	187.5	166.0	155.9	694.5	154.5	169.4	156.3		
ENDING STOCK	54.9	53.0	64.1	68.8		74.5	63.8	64.6	65.1		60.2	61.9	64.1		
IMPORTS	5.4	4.5	2.6	5.0	13.5	5.6	2.7	2.0	2.2	10.5	2.0	1.5	1.7		
TOTAL AVAILABLE	165.0	160.0	127.5	146.1	598.6	133.8	139.7	125.5	105.6	504.6	110.1	129.2	115.5		
OLEFIN+VINYON															
PRODUCTION	30.7	30.3	26.5	28.2	115.7	31.3	35.1	37.1	38.5	142.0	35.8	30.8	37.6		
SHIPMENTS · DOMESTIC	28.9	26.3	27.0	32.8	115.0	31.9	35.5	32.2	32.4	132.0	29.3	39.9	36.4		
EXPORT	1.4	0.5	1.0	0.8	3.7	0.4	0.3	0.4	0.4	1.5	0.6	0.6	1.6		
TOTAL	30.3	26.8	28.0	33.6	118.7	32.3	35.8	32.6	32.8	133.5	29.9	40.5	38.0		
ENDING STOCK	20.6	24.1	22.6	17.2		16.2	15.5	20.0	25.7		31.6	21.9	21.5		
POLYESTER															
PRODUCTION	654.3	583.2	589.6	699.6	2526.7	646.0	668.9	665.6	628.0	2606.5	558.7	459.6	447.4		
SHIPMENTS · DOMESTIC	563.1	483.8	466.8	557.3	2071.0	495.2	525.9	507.5	478.8	2005.4	457.5	445.5	428.9		
EXPORT	84.8	111.1	136.2	136.5	468.4	129.0	148.2	161.6	154.6	593.4	86.4	28.5	25.8		
TOTAL	647.9	594.9	603.0	693.6	2539.4	622.2	674.1	669.1	633.4	2598.8	525.7	473.6	454.7		
ENDING STOCK	185.6	173.9	160.5	166.5		190.5	185.1	179.6	174.2		189.2	175.2	167.9		
IMPORTS	0.4	0.3	0.3	0.3	1.3	0.5	1.9	1.8	2.4	6.6	1.9	1.7	1.8		
TOTAL AVAILABLE	563.5	484.1	467.1	557.6	2072.3	493.7	527.8	509.5	481.2	2012.0	459.2	447.0	430.7		
TOTAL NON-CELLULOSIC															
PRODUCTION	1105.4	939.5	959.4	1143.9	4148.2	1085.0	1116.0	1051.5	940.8	4193.1	864.6	850.8	854.6		
SHIPMENTS · DOMESTIC	925.5	799.0	806.3	951.7	3482.5	860.1	914.3	818.6	734.9	3327.9	716.6	783.9	764.7		
EXPORT	145.6	161.6	192.0	193.6	689.8	191.8	206.9	209.0	212.7	820.4	157.5	74.6	73.2		
TOTAL	1071.1	960.6	998.3	1142.3	4172.3	1051.9	1121.2	1027.6	947.6	4148.3	854.1	858.5	837.9		
ENDING STOCK	345.4	324.5	285.4	287.0		318.1	312.9	336.6	329.8		340.5	312.6	309.5		
DOMESTIC SHIPMENTS	925.5	799.0	806.3	951.7	3482.5	860.1	914.3	818.6	734.9	3327.9	716.6	783.9	764.7		
IMPORTS FOR CONSUMPTION															
3 FIBERS ABOVE[e]	4.1	5.2	3.3	3.9	16.5	9.0	11.2	13.1	7.4	40.7	4.9	3.6	8.3		
OTHER N.C. STAPLE	3.9	3.4	3.1	4.2	14.6	2.4	3.3	4.0	1.0	10.7	1.8	3.8	4.0		
GROUPED FILAMENTS	1.6	1.3	0.6	1.0	4.5	1.3	2.0	2.1	2.6	8.0	2.9	3.1	2.9		
TOTAL IMPORTS	9.6	9.9	7.0	9.1	35.6	12.7	16.5	19.2	11.0	59.4	9.6	10.5	15.4		
TOTAL AVAILABLE	935.1	808.9	813.3	960.8	3518.1	872.8	930.8	837.8	745.9	3387.3	726.2	794.4	780.1		

SELECTED U.S. MAN-MADE FIBER IMPORTS FOR CONSUMPTION BY COUNTRY OF ORIGIN

THOUSAND POUNDS

ITEM & COUNTRY	1982												9 MONTHS	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1982	1981
CELLULOSIC YARN, MONOFIL & STRIPS														
BRAZIL	0	0	28	27	0	27	0	0	27				109	0
CANADA	0	15	0	0	0	141	198	0	1				555	488
MEXICO	155	76	157	75	115	92	116	58	51				875	1249
AUSTRIA	0	20	0	451	225	85	41	410	225				1457	41
GERMANY, FED. REP. OF	502	275	218	250	81	157	54	75	65				1677	2885
NETHERLANDS	86	77	17	59	55	50	22	28	1				575	2897
SPAIN	40	81	46	47	47	0	0	0	0				261	225
JAPAN	20	42	56	1	56	2	21	70	55				265	175
ALL OTHER COUNTRIES[a]	58	2	0	106	22	0	17	47	28				280	654
TOTAL CELL. YARN	**861**	**588**	**502**	**1016**	**579**	**534**	**469**	**668**	**433**				**5650**	**8590**
CELLULOSIC STAPLE+TOW														
CANADA	155	167	191	129	170	90	54	401	535				1692	5924
AUSTRIA	605	40	441	401	462	0	410	40	562				2961	3688
FRANCE	1	52	2	0	0	6	21	0	5				87	228
GERMANY, FED. REP. OF	42	44	45	0	0	65	0	0	0				194	150
SWEDEN	464	0	871	189	554	0	765	786	0				3629	1915
UNITED KINGDOM	117	2	108	69	119	0	76	74	0				565	1450
AUSTRALIA	155	0	0	0	0	0	0	0	0				155	0
JAPAN	149	24	134	118	76	127	227	155	162				1172	828
ALL OTHER COUNTRIES[b]	0	80	1	44	29	58	44	0	1				257	582
TOTAL CELL. STAPLE	**1686**	**409**	**1791**	**950**	**1410**	**326**	**1597**	**1456**	**1065**				**10690**	**12565**
NONCELLULOSIC YARN, MONOFIL & STRIPS														
CANADA	295	156	101	444	456	595	565	508	544				5464	2155
COSTA RICA	117	27	0	0	27	0	7	-	5				185	0
MEXICO	0	1	2	1	10	41	66	10	55				164	218
BELGIUM	0	2	9	11	0	46	66	499	0				655	65
FRANCE	128	114	79	106	49	17	245	195	98				1029	1573
GERMANY, FED. REP. OF	581	362	295	572	569	454	570	712	968				4685	3573
ITALY	24	2	175	1	10	18	16	70	42				558	986
SWITZERLAND	2	-	6	4	26	5	18	21	58				120	71
UNITED KINGDOM	67	48	58	45	5	54	14	44	14				527	250
JAPAN	453	661	465	450	458	555	554	461	757				4752	5245
ALL OTHER COUNTRIES[c]	16	5	12	10	72	57	51	40	62				285	685
TOTAL N.C. YARN	**1683**	**1378**	**1180**	**1442**	**1662**	**1802**	**1750**	**2560**	**2541**				**15998**	**14395**
NONCELLULOSIC STAPLE+TOW														
CANADA	439	510	864	219	476	565	276	816	552				4097	5592
MEXICO	177	27	57	79	-	75	545	0	476				1254	2524
BELGIUM	29	31	1	12	0	0	32	0	0				105	426
FRANCE	219	194	444	508	501	247	524	1790	799				4626	5502
GERMANY, FED. REP. OF	750	752	975	725	861	541	420	527	726				6057	14922
IRELAND	0	59	59	77	59	116	77	77	58				502	134
ITALY	58	25	155	115	65	76	1256	659	954				5517	6017
NETHERLANDS	141	89	58	45	19	0	0	0	0				550	565
ROMANIA	50	106	29	219	5	29	0	0	0				438	538
UNITED KINGDOM	195	250	259	258	412	181	25	76	268				1904	5917
JAPAN	588	461	510	401	520	612	885	575	740				5292	5768
TAIWAN	616	194	456	585	760	2041	748	1220	798				7596	6522
ALL OTHER COUNTRIES[d]	16	5	1	17	28	91	98	38	51				345	712
TOTAL N.C. STAPLE	**3258**	**2481**	**3826**	**3036**	**3484**	**4174**	**4464**	**5758**	**5182**				**35663**	**48337**

Other countries supplying 1982 poundages are:

a. Belgium 93, France 93, Italy 10, Rep. of Korea 80 & Switzerland 4.

b. Finland 80, German Dem. Rep. 88, Mexico 39, Netherlands 29 & Taiwan 1.

c. Austria 19, Dominican Republic 4, India 11, Ireland 1, Israel 7, Rep. of Korea 20, Netherlands 51, Norfolk Is. 36, Poland 15, Portugal 22, Romania 1, Spain 1, Sweden 52 & Taiwan 45.

d. Australia 29, Austria 54, Denmark 55, German Dem. Rep. 15, Hong Kong 2, Iceland 5, Israel 60, Rep. of Korea 53, Poland 15, Portugal 1 & Switzerland 76.

U.S. MAN-MADE FIBER IMPORTS FOR CONSUMPTION

THOUSAND POUNDS

ITEM	COMMODITY NUMBER AS OF 1/1/78	1982 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	9 MONTHS 1982	1981
CELLULOSIC FIBERS															
YARN - SINGLES															
TEXTURED	310.0106 & .0206	5	0	28	55	6	27	0	0	52				153	266
OTHER	310.0130 & .0230[a]	856	586	474	981	573	505	465	668	581				5489	8501
MONOFILAMENTS	309.0310 & .0610	0	2	0	0	0	-	0	0	0				2	3
STRIPS, $1/LB & UNDER	309.2000*	0	0	0	0	0	2	4	0	0				6	20
SUBTOTAL ABOVE		**861**	**588**	**502**	**1016**	**579**	**534**	**469**	**668**	**433**				**5650**	**8590**
STAPLE	309.4520 & .4525	1510	409	1623	853	1219	240	1447	1287	1009				9597	10865
GROUPED FILAMENTS	309.3010 & .3110	176	-	168	97	191	86	150	169	56				1093	1678
SUBTOTAL ABOVE		**1686**	**409**	**1791**	**950**	**1410**	**326**	**1597**	**1456**	**1065**				**10690**	**12543**
WASTE, ADVANCED & NOT ADVANCED	309.6615 & .7510	0	0	64	0	197	0	38	0	60				359	307
NONCELLULOSIC FIBERS															
YARN - SINGLES															
TEXTURED - NYLON	310.0109 & .0209	423	174	125	210	516	341	454	272	335				2850	2903
POLYESTER	310.0110 & .0210	231	43	7	5	35	1	55	6	37				416	621
OTHER	310.0114 & .0214	52	26	69	361	268	330	289	455	495				2325	279
OTHER - NYLON	310.0149 & .0249	111	211	278	99	191	309	453	1068	711				3431	3410
POLYESTER	310.0150 & .0250	551	691	368	441	403	296	199	427	627				4003	3611
OTHER	310.0170 & .0270[b]	164	81	140	162	147	309	122	226	136				1487	1245
MONOFILAMENTS	309.0200 & .0350[c]	140	139	157	145	89	195	128	88	149				1230	2175
STRIPS, OVER $1/LB	309.2100 & .2900*	31	15	36	21	15	21	50	18	51				256	149
SUBTOTAL ABOVE		**1683**	**1378**	**1180**	**1442**	**1662**	**1802**	**1750**	**2560**	**2541**				**15998**	**14393**
STAPLE - NYLON		592	209	400	316	84	276	1432	2030	1602				6741	20826
POLYESTER	309.4542	487	517	933	577	493	567	926	559	566				5406	4164
ACRYLIC	309.4545	526	474	962	607	369	524	575	547	854				5038	8252
OLEFIN	309.4546	1	30	1	55	30	27	7	52	220				381	1064
OTHER	309.4555	899	292	581	655	1011	2145	725	1891	1011				9208	8631
GROUPED FILAMENTS															
NYLON	309.3030 & .3130	460	530	545	565	884	266	362	784	560				4756	1215
POLYESTER	309.3040 & .3140	0	0	17	1			0	8	2				28	224
ACRYLIC	309.3050 & .3150	297	576	555	246	468	558	340	262	346				3426	2215
OTHER	309.3065 & .3165	196	53	34	38	144	31	97	65	21				679	1746
SUBTOTAL ABOVE		**3258**	**2481**	**3826**	**3036**	**3484**	**4174**	**4464**	**5758**	**5182**				**35663**	**48337**
WASTE, NOT ADVANCED - NYLON	309.6625	1882	1647	1838	2315	2285	2581	1175	2033	2135				17891	18461
POLYESTER	309.6630	1598	775	1580	608	581	502	502	1748	1024				8518	12356
ACRYLIC	309.6645	0	184	9	59	294	195	86	0	67				894	2235
OTHER	309.6660	455	229	247	256	480	174	290	17	160				2286	1855
NOILS & GARNETTED FIBERS	309.6000 & .7000*	0	20	0	0	0	0	1	0	0				21	57
OTHER WASTE, ADVANCED	309.7525 - .7555	50	17	26	9	16	1	49	70	160				398	340
SUBTOTAL ABOVE		**5763**	**2872**	**5700**	**5247**	**5656**	**5453**	**1903**	**5868**	**5546**				**30008**	**35284**
TOTAL MAN-MADE ABOVE		**11251**	**7728**	**11063**	**9691**	**10988**	**10289**	**10221**	**14310**	**12827**				**98368**	**119454**
OTHER MAN-MADE FIBER TOPS, YARN & THREAD															
YARN - PLIED															
TEXTURED - CELLULOSIC	310.1106	0	0		0	1	0	1	0	0				2	24
NONCELLULOSIC	310.1015[d] & .1105[e]	407	110	535	266	421	552	271	548	528				3256	2447
OTHER - CELLULOSIC	310.1030 & .1135[f]	-	6	67	0	16	28	19	0	-				136	17
NONCELLULOSIC	310.1050 & .1070[g]	200	18	13	54	29	121	51	28	75				569	293
SPUN YARN - CELLULOSIC	310.4005 & .4030[h]	28	0	18	20	52	7	45	42	25				215	455
OTHER	310.4015 & .4027[i]	1570	1253	1574	1784	2288	1940	1674	2419	2175				16677	14540
OTHER YARNS - NES, INCL. CHENILLE	310.6029 - .8080	205	89	190	229	567	593	246	506	278				2305	5270
HANDWORK YARNS & SEWING THREAD	310.9000 - .9140	166	203	188	226	192	234	113	172	144				1638	2038
SLIVER, TOPS & ROVING	309.9000	454	509	201	115	79	155	558	186	410				2205	2943
TEXTILE GLASS FIBER	309.2800 & .2900[j]	1757	1092	1011	756	1055	1558	1281	1256	1227				10711	12742
GRAND TOTAL ABOVE		**15998**	**10808**	**14458**	**13121**	**15446**	**14855**	**14238**	**19247**	**17689**				**135860**	**158021**

SOURCE: U.S.Census Bureau.

NES - Not elsewhere specified.

* These items are not reported by the Census as cellulosic vs. noncellulosic. Any separation between cellulosic and noncellulosic is estimated, based mainly on average declared value.

a. Also includes 310.0510 & .0610.

b. Also includes 310.0530, .0550, .0630 & .0650.

c. Also includes 309.0340, .0365, .0500, .0630, .0640 & .0665.

d. There may be some acetate yarn in these data, but the Census figures do not permit a segregation.

e. Also includes 310.1110 & .1114.

f. Also includes 310.2010 & .2110.

g. Also includes 310.1150, .1155, .1170, .2030, .2050, .2130 & .2150.

h. Also includes 310.5005 & .5050.

i. Also includes 310.4046, .4047, .4050, .5015, .5046, .5047, .5049 & .5051.

j. Chiefly roving. Also includes 309.9800 & .9900.

SELECTED U.S. MONTHLY TEXTILE FIBER DATA

MILLION POUNDS

ITEM	1982 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TO DATE[a] 1982	1981
TOTAL SHIPMENTS[b]														
MAN-MADE FIBER DATA[c]														
YARN+MONOFILAMENTS[d]														
ACETATE	**19.1**	**16.9**	**17.7**	**19.4**	**16.5**	**17.4**	**12.2**	**17.3**	**18.5**	**15.6**			**170.6**	**227.5**
NYLON[e] INDUSTRIAL[f]	26.2	29.2	31.5	30.8	26.7	28.3	23.5	21.9	24.3	25.5			267.9	341.7
LOW DENIER INDUSTRIAL[g]	2.6	2.3	2.6	2.5	2.2	2.7	1.9	2.5	2.6	2.5			24.4	29.8
CARPET	40.3	43.3	46.0	46.1	51.2	48.3	42.6	60.2	58.4	48.6			485.0	594.7
TEXTILE	27.9	27.0	29.5	28.4	26.6	26.5	21.4	29.5	30.1	28.7			275.4	354.7
POLYESTER INDUSTRIAL[f]	22.6	24.4	27.8	26.3	22.9	27.4	21.8	23.8	22.1	23.2			242.3	258.8
LOW DENIER INDUSTRIAL[g]	1.9	1.8	1.9	1.9	1.9	2.1	1.5	2.1	1.6	1.7			18.4	23.9
TEXTILE	75.4	87.8	88.5	88.2	79.3	78.3	61.2	73.6	78.5	70.6			781.4	1052.4
OLEFIN[h]	50.1	50.4	51.0	49.3	48.9	50.1	49.5	50.2	47.9	47.1			494.5	544.2
TOTAL NONCELLULOSIC ABOVE[i]	**247.0**	**266.2**	**278.8**	**273.5**	**259.7**	**263.7**	**223.4**	**263.6**	**265.5**	**247.9**			**2589.3**	**3200.2**
STAPLE+TOW+FIBERFILL[j]														
RAYON	**30.3**	**28.9**	**31.8**	**29.0**	**27.7**	**29.9**	**25.2**	**28.9**	**33.3**	**32.8**			**297.8**	**387.5**
NYLON[e]	48.0	48.3	49.7	55.9	61.0	58.1	51.4	68.3	69.2	61.2			571.1	637.8
ACRYLIC+MODACRYLIC	45.8	47.7	61.0	52.7	57.5	59.2	47.6	58.5	50.2	50.7			530.9	591.9
POLYESTER	173.3	176.4	174.0	161.7	156.6	155.3	129.3	163.0	162.4	163.8			1615.8	2179.8
OLEFIN+VINYON	8.3	10.2	11.4	10.8	14.9	14.8	11.6	12.5	13.9	12.4			120.8	113.6
TOTAL NONCELLULOSIC ABOVE	**275.4**	**282.6**	**296.1**	**281.1**	**290.0**	**287.4**	**239.9**	**302.3**	**295.7**	**288.1**			**2838.6**	**3523.1**
END-OF-MONTH STOCK														
YARN+MONOFILAMENTS														
ACETATE	**12.4**	**11.7**	**13.5**	**11.0**	**11.9**	**13.2**	**12.3**	**11.7**	**11.3**	**11.4**			**11.4**	**12.4**
NYLON[e] INDUSTRIAL[f]	41.7	37.6	33.1	30.4	31.7	33.3	36.5	37.5	37.0	33.8			33.8	38.7
LOW DENIER INDUSTRIAL[g]	4.5	4.5	4.1	4.6	4.6	4.5	4.6	4.2	4.0	3.8			3.8	3.9
CARPET	62.3	58.0	55.5	53.9	49.5	51.4	59.6	48.2	46.4	57.1			57.1	80.4
TEXTILE	50.9	52.9	51.1	48.6	45.9	45.5	43.4	40.5	38.5	39.2			39.2	47.6
POLYESTER INDUSTRIAL[f]	23.7	25.1	25.2	24.6	27.1	27.8	28.1	28.6	28.1	26.5			26.5	20.2
LOW DENIER INDUSTRIAL[g]	4.0	3.4	3.8	3.7	3.6	2.7	2.5	2.6	2.6	2.3			2.3	3.1
TEXTILE	93.4	89.9	93.4	91.9	87.1	81.7	83.8	79.5	75.8	77.9			77.9	95.4
OLEFIN[h]	64.3	64.0	64.5	63.6	63.5	63.1	61.5	60.2	58.1	57.6			57.6	64.8
TOTAL NONCELLULOSIC ABOVE[i]	**344.8**	**335.4**	**330.7**	**321.3**	**312.8**	**307.8**	**320.0**	**301.3**	**290.5**	**298.2**			**298.2**	**354.1**
STAPLE+TOW+FIBERFILL														
RAYON	**32.6**	**35.6**	**36.3**	**35.1**	**36.2**	**36.4**	**37.8**	**38.9**	**36.8**	**33.7**			**33.7**	**25.9**
NYLON[e]	63.9	58.7	59.3	53.4	48.9	53.6	64.1	55.1	55.8	60.3			60.3	73.4
ACRYLIC+MODACRYLIC	68.6	65.2	60.2	67.7	63.7	61.9	66.0	61.3	64.1	70.8			70.8	66.7
POLYESTER	180.4	191.9	189.2	186.6	185.8	175.2	181.7	162.4	167.9	174.3			174.3	180.1
OLEFIN+VINYON	30.0	31.3	31.6	29.3	24.7	21.9	21.6	21.7	21.5	20.3			20.3	21.0
TOTAL NONCELLULOSIC ABOVE	**342.9**	**347.1**	**340.3**	**337.0**	**323.1**	**312.6**	**333.4**	**300.5**	**309.3**	**325.7**			**325.7**	**341.2**
WOOL & COTTON CONSUMPTION														
APPAREL CLASS WOOL	11.9	10.9	13.3	10.8	10.3	9.4	7.2	9.2					83.0	97.0
CARPET CLASS WOOL	0.7	0.9	1.0	0.8	1.0	0.6	0.6	1.0					6.6	6.7
TOTAL RAW WOOL	12.6	11.8	14.3	11.6	11.3	10.0	7.8	10.2					89.6	103.7
RAW COTTON	207.2	198.6	228.7	217.3	217.2	200.4	166.8	195.5	227.8				1859.2	2079.7

a. Year-to-date totals except for stock, which is the latest month's data.

b. The monthly production of each fiber may be calculated as total shipments plus a stock increase, or less a stock decrease, over the month.

c. Producers' total domestic plus export shipments.

d. Rayon yarn data are available annually only; see page 21 of the February issue.

e. Data for nylon include aramid.

f. Industrial is defined as 500 denier and coarser with an Instron tenacity of 7 grams or more per denier.

g. Low denier industrial is defined as finer than 500 denier with an Instron tenacity over 5.5 grams per denier.

h. Olefin yarn+monofilaments also includes spunbonded polypropylene and film fiber produced for textile end uses.

i. Saran and spandex data are not included in these totals. See page 21 of the February issue for annual data on these yarns.

j. Acetate staple+tow data are available annually only; see page 21 of the February issue.

C8850-1 12/10/82

Errata Insert

Textile Economics Bureau, Inc.
101 Eisenhower Parkway ▫ Roseland, New Jersey 07068
Telephone (201) 228-1107

Dear ***Textile Organon*** Subscribers:

A major last minute revision in U.S. Exports of Man-Made Fibers, page 227, of the November 1982 ***Textile Organon*** necessitates the issuance of a revised table. Please incorporate the attached revision in your records. The revised table of U.S. Exports of Man-Made Fibers will also appear in the December 1982 issue of the ***Textile Organon.***

Sincerely,

Raymond S. Savadge
President

C8850-1 12/10/82

Errata Insert

U.S. EXPORTS OF MAN-MADE FIBERS

THOUSAND POUNDS

ITEM	COMMODITY NUMBER AS OF 1/1/78	1981 1ST Q	1981 2ND Q	1981 3RD Q	1981 4TH Q	1981 YEAR	1982 1ST Q	1982 2ND Q	1982 3RD Q	1982 4TH Q	1982 YEAR
CELLULOSIC FIBERS											
FILAMENT YARN[a]											
TEXTURED	310.0006	93	75	72	117	357	132	72	34		
OTHER[b]	310.0026	8191	5829	4286	5608	23914	7194	4450	5912		
MONOFILAMENTS	309.0110	47	30	9	4	90	2	9	1		
STRIPS	309.2210	66	79	95	106	346	66	5	32		
SUBTOTAL ABOVE		**8397**	**6013**	**4462**	**5835**	**24707**	**7394**	**4536**	**5979**		
STAPLE+TOW - RAYON	309.4222	12222	14234	14369	14331	55156	13772	14001	16905		
STAPLE - ACETATE	309.4219	3692	2046	608	658	7004	919	931	551		
SUBTOTAL ABOVE		**15914**	**16280**	**14977**	**14989**	**62160**	**14691**	**14932**	**17456**		
WASTE, ADVANCED & NOT ADVANCED	309.7400	693	795	416	895	2799	1007	1262	385		
NONCELLULOSIC FIBERS											
FILAMENT YARN[a]											
NYLON - TEXTURED	310.0008 & .0009	21787	17478	17656	12679	69600	9779	9643	11021		
- HIGH TENACITY[c]	310.0027	18138	17544	11095	10623	57400	13520	12582	10156		
- OTHER	310.0029	5461	4325	6280	3358	19424	3785	3340	1801		
POLYESTER - TEXTURED	310.0010	48758	58681	65307	63406	236152	63471	71864	26029		
- HIGH TENACITY[c]	310.0032	4870	5364	6299	6907	23440	5134	3747	2726		
- OTHER[d]	310.0034	2380	3063	3117	3199	11759	2902	4506	1611		
OTHER - TEXTURED	310.0014	4174	3082	2346	2149	11751	3235	2847	4117		
- OLEFIN	310.0040	741	519	838	505	2603	224	447	166		
- OTHER	310.0044	1566	1452	1183	1030	5231	1371	1327	508		
MONOFILAMENTS, ALL DENIERS											
NYLON	309.0120	2387	1935	1879	1585	7786	1142	1119	695		
POLYESTER[e]	309.0140	2816	1767	1362	1218	7163	1919	700	1065		
OTHER	309.0170	1289	1314	1614	2343	6560	2085	2025	1880		
STRIPS	309.2220 & .2270	1366	1530	739	920	4555	799	634	620		
SUBTOTAL ABOVE		**115733**	**118054**	**119715**	**109922**	**463424**	**109366**	**114781**	**62395**		
STAPLE - NYLON	309.4240	9443	7030	5848	5235	27556	4018	3694	3459		
- POLYESTER	309.4242	108893	138242	144558	130988	522681	90356	30164	32374		
- ACRYLIC	309.4245	41711	40137	39084	35729	156661	32810	31987	31585		
- OLEFIN	309.4246	664	431	270	393	1758	522	948	2668		
- OTHER	309.4247	5015	5800	3637	3581	18033	4395	4436	2813		
GROUPED FILAMENTS											
NYLON	309.3220	1724	763	746	1328	4561	1539	1313	1174		
POLYESTER[d]	309.3240	9508	6706	3802	6761	26777	9528	6684	6780		
ACRYLIC	309.3250 & .3255	10076	8360	7144	7075	32655	5472	6363	6168		
SUBTOTAL ABOVE		**187034**	**207469**	**205089**	**191090**	**790682**	**148640**	**85589**	**87021**		
WASTE, ADVANCED & NOT ADVANCED											
NYLON	309.7620	3470	4141	3302	3025	13938	3542	2759	1291		
POLYESTER	309.7630	11606	13086	12419	17006	54117	17204	14920	8281		
ACRYLIC	309.7640	1874	1531	573	817	4795	574	651	228		
OTHER	309.7660	8718	9163	8711	7817	34415	7146	5564	3939		
SUBTOTAL ABOVE		**25668**	**27921**	**25011**	**28665**	**107265**	**28466**	**23894**	**13739**		
TOTAL MAN-MADE FIBER ABOVE		**353439**	**376532**	**369670**	**351396**	**1451037**	**309564**	**244994**	**186975**		
TEXTILE GLASS FIBER	309.2700 & .9700	10180	8611	8553	11590	38934	11318	11981	11246		
GRAND TOTAL ABOVE		**363619**	**385143**	**378223**	**362986**	**1489971**	**320882**	**256975**	**198221**		

SOURCE: U.S. Census Bureau.

a. Includes thrown, singles and plied yarn.

b. Includes an undetermined amount of rayon tire cord and cord fabric.

c. Includes an undetermined amount of noncellulosic tire cord and cord fabric.

d. Includes zero twist yarns.

e. These data are obviously incorrect because of misclassification. Most of these poundages should be included with filament yarn.